GUIDE TO SPECIFICATION AND APPLICATION OF RESIN-BASED **FLOORING** SYSTEMS

SYSTEMS FOR COATING,
PROTECTING AND REPAIRING
INDUSTRIAL CONCRETE
AND RESIN FLOORING

draco-edilizia.com

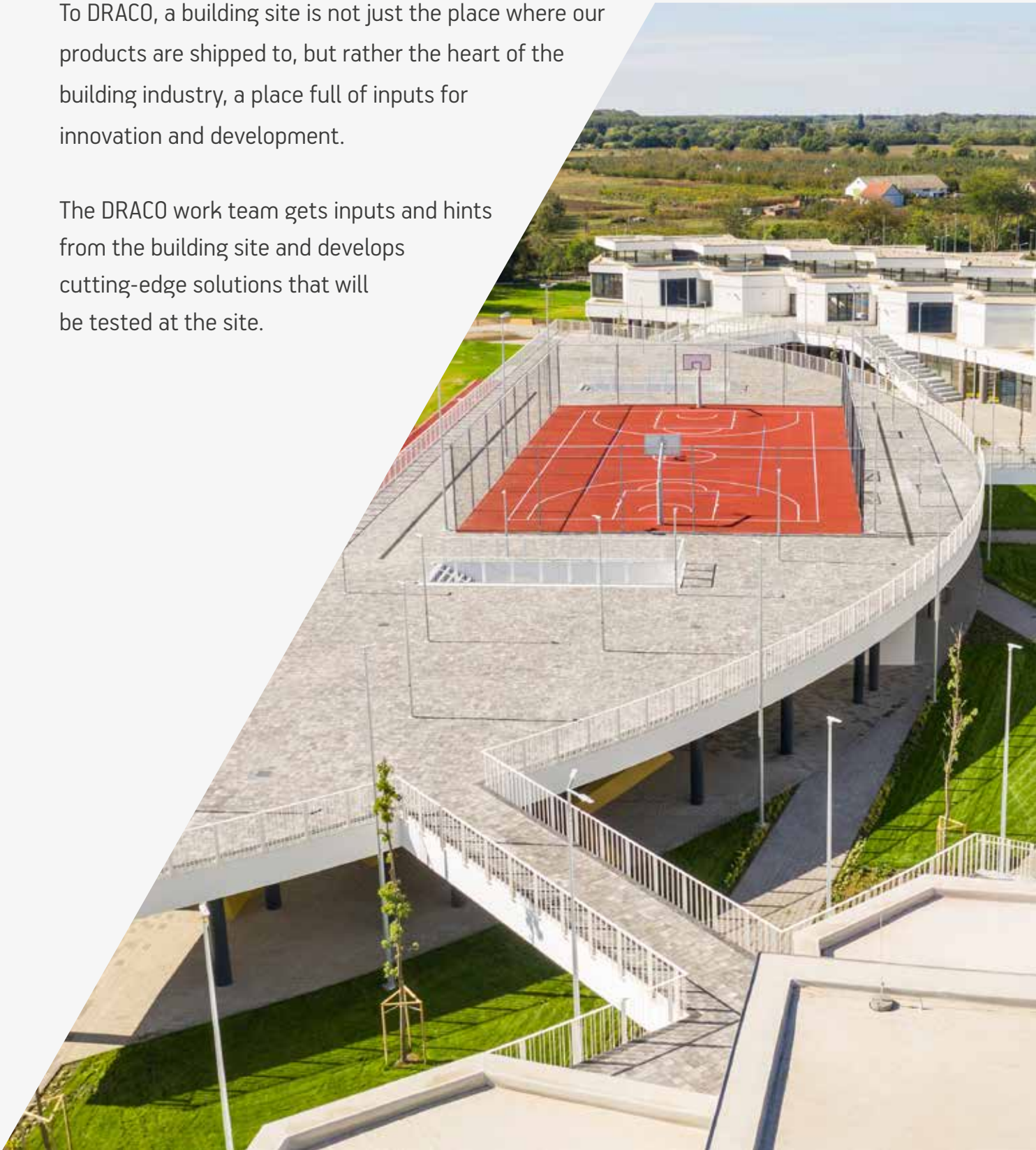
DRACO
QUALITY YOU CAN BUILD ON

pavimentoinresina.com

THE BUILDING SITE IS THE CORNERSTONE OF OUR WORK

To DRACO, a building site is not just the place where our products are shipped to, but rather the heart of the building industry, a place full of inputs for innovation and development.

The DRACO work team gets inputs and hints from the building site and develops cutting-edge solutions that will be tested at the site.



THE COMPANY
A TRADITION OF EXCELLENCE AND EXPERIENCE

Our history dates back to the beginning of the 1980s, when DRACO started to work in the mortar and concrete admixtures industry. Since then, the business has been growing rapidly along with our product differentiation, while always ensuring high specialisation and presence onsite, in order to offer global solutions to the whole construction industry.

Today DRACO provides technical support and advice, from design to execution, thanks to a team of professionals working at the R&D department and assisting our customers at the construction site.

Our deep understanding of the needs of the industry and production sector made us find functional and accurate solutions for industrial flooring that satisfy specific needs and guarantee long-lasting high-level performances.

Draco: professional products for a quality build.

QUALITY YOU CAN BUILD ON

DRACO: QUALITY AND INNOVATION FOR THE CONSTRUCTION INDUSTRY

DRACO HAS BEEN DEVELOPING AND PRODUCING TECHNICAL SOLUTIONS FOR THE MODERN CONSTRUCTION INDUSTRY SINCE 1982

At DRACO, the product development process is aimed at achieving top quality and real innovation for designers, businesses, floor layers and construction firms. We design products that must perform well on-site and last longer. DRACO provides assistance and advice from design to installation. We can make a difference and we will be always by the customer's side.

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FLOORING?
CALL IT INVESTMENT

YOUR FLOOR MUST WITHSTAND STRAINS AND STRESSES.
IT IS THE MOST SENSITIVE OF ALL CONSTRUCTION WORKS.

Among many costly investments that a company has to make, the floor is continuously subjected to the stresses caused by the production activity, and thus deterioration and wear. Choosing the right type and quality of flooring is paramount for all companies looking for efficiency and quality.

DRACO technology

A high number of factors come into play during the design process. Thoroughly analysing and weighing them is necessary in order to choose the floor that best fits every single case.

A flooring system can be selected based on specific properties of resistance and functionality such as:

- **Resistance to abrasion.**
- **Resistance to impact.**
- **Resistance to both concentrated and distributed loads.**
- **Resistance to chemical attack.**
- **Cleanability.**
- **Antistatic properties.**
- **Anti-slip properties.**
- **Joint performance.**
- **Resistance to traffic.**
- **Resistance to freeze-thaw cycles.**

To this purpose the following pages show a summary table of our resin and resin-cement based coating systems.

SUMMARY TABLE OF SYSTEMS FOR INDUSTRIAL FLOORING

FLOORING SYSTEM		THICKNESS	IDEAL FOR	TYPE						COMPONENT					
				COATING	INTEGRATED, SANDWICH-TYPE	MULTI-LAYER	SELF-LEVELLING	SCREED	EPOXY CEMENT MORTAR	BITUMEN AND CEMENT	EPOXY RESIN	POLYURETHANE RESIN	EPOXY CEMENT	CEMENT	POLYURETHANE - CEMENT	RESIN AND RUBBER GRANULES
DRACOFLOOR **LD**		0.7 ÷ 1.2 mm	• GARAGES AND WORKSHOPS • DRY WAREHOUSES	●							●	●	●			
DRACOFLOOR **MD**		1.4 ÷ 2 mm	• TEXTILE AND FOOD INDUSTRIES • HEAVY LOGISTICS	●							●	●	●			
DRACOFLOOR **HD**		3 ÷ 4.5 mm	• MECHANICAL INDUSTRY • SEMI-DRY CHEMICAL INDUSTRY				●				●	●	●			
DRACOFLOOR **ANTISTATICO**		2.5 ÷ 3.5 mm	• ELECTRONICS/HOSPITAL INDUSTRIES • ATEX ZONES				●				●	●	●			
DRACOFLOOR **COMFORT PU**		2 ÷ 3 mm	• HOSPITALS, SCHOOLS • OFFICES, STORES • SPORTS AREAS • RESTAURANTS				●					●				
DRACOFLOOR **MULTISTRATO 10**		0.6 ÷ 1.0 mm	• OPERATING ROOMS AND STERILE AREAS • LABORATORIES • COMMERCIAL AREAS			●					●					
DRACOFLOOR **MULTISTRATO 15**		1.0 ÷ 1.5 mm	• CHEMICAL AND PHARMACEUTICAL INDUSTRIES • AREAS SUBJECT TO FREQUENT POWER-WASHING			●					●					
DRACOFLOOR **MULTISTRATO 50**		5 mm	• HEAVY ENGINEERING INDUSTRY • STRONG AND LASTING GRIP			●					●	●				
DRACOFLOOR **DS**		10 mm	• SQUARES AND TERRACES • CYCLE LANES • PEDESTRIAN PATHS • POOLSIDES					●				●				
DURAFLOOR **4.6**		4 ÷ 6 mm	• COLD STORES • BREWERIES • WINE CELLARS • PASTA FACTORIES				●								●	
DURAFLOOR **6.12**		6 ÷ 12 mm	• SLAUGHTERHOUSES • CHEMICAL INDUSTRIES • HEAVY INDUSTRIES • DAIRY FACTORIES					●							●	
DRACOFLOOR **MULTISPORT**		2 mm	• OUTDOOR AND INDOOR SPORTS AND LEISURE ACTIVITIES				●									
DRACOFLOOR **GYMNASIUM**		6 ÷ 7 mm	• SPORTS FACILITIES • SCHOOLS, GYMS • SPORTS ARENAS, RECREATIONAL AREAS				●					●				
MODULARE EPOMALT SYSTEM	INDOOR WAREHOUSE	0.6 ÷ 1 mm	• REPAIR OF INDOOR INDUSTRIAL FLOORING	●							●		●			
	WORN OUT WAREHOUSE	1 ÷ 2 mm	• REPAIR OF HEAVILY WORN INDUSTRIAL FLOORING						●				●			
	OUTDOOR YARD	1.8 ÷ 3 mm	• REPAIR OF OUTDOOR INDUSTRIAL FLOORING						●				●			
DRACOBIT SYSTEM		4 ÷ 6 cm	• HIGH-TRAFFIC OUTDOOR PAVING • LOGISTICS • PORTS AND FREIGHT TERMINALS							●				●		
DRACOFLOOR **PARKING**		3 ÷ 3.5 mm	• INDOOR AND OUTDOOR PARKING AREAS • REST AREAS, SHELTERS			●						●				
DRACOFLOOR **PLAY**		16 mm	• SCHOOLS • PLAYGROUNDS • SPORTS FACILITIES AND CENTRES					●								●
DRACOFLOOR **SAFE PLAY**		16 mm	• PLAYGROUNDS • SCHOOLS, NURSERY SCHOOLS • OUTDOOR AND INDOOR LEISURE FACILITIES					●								●

LEGEND:

- ● Products to be used in single systems
- \+ Moderate-low resistance
- ++ Moderate resistance
- +++ High resistance
- ++++ Very high resistance

RESISTANCE PARAMETERS						COST
TRAFFIC	CHEMICAL AGENTS	SLIP	WEAR / ABRASION	WASHING / WETTING	IMPACT	
++	++	+	++	+	+	€
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Castel Guelfo The Style Outlets - Bologna, Italy

Architectural flooring of the internal square made of concrete with QUARZPLATE dry-shake topping.

HARDENERS AND REINFORCED COATINGS FOR CONCRETE INDUSTRIAL FLOORING

A complete line of hardeners for dry shake reinforcement of concrete industrial flooring. Pre-mixed products based on selected quartz types, corundum and metal aggregates, which – thanks to the DRACO admixture technology – create systems for dry shake reinforcement and thick surface hardening of industrial floors and top-performance ramps for vehicles.

The technology based on pre-mixed products for industrial flooring is well established in the sector, but never ordinary, as it is combined with raw materials, which must be of a high and consistent quality in order to achieve the desired product quality. This becomes even more important when this technology is applied in the architectural field, as in the case of smooth-effect floors like the ones made with DURCROM 50 fibre-reinforced hardener.

INDUSTRIAL FLOORING HARDENERS AND READY-MIX PRODUCTS FOR "DRY-SHAKE" REINFORCEMENT

QUARZPLATE

PACKAGING
25 kg bags

QUARTZ-BASED SURFACE HARDENER

Ideal for industrial flooring subject to light to moderate traffic.

QUARZPLATE is a mineral hardener based on selected quartz aggregates, hydraulic binders and special admixtures for the protection and finishing of concrete industrial floors subject to light to moderate traffic. **QUARZPLATE** has a good resistance to abrasion and rolling friction.

IDEAL FOR

- Areas subject to light and moderate traffic.
- Traditional warehouses, parking lots and light-medium industry.

CONSUMPTION: 2 ÷ 4 kg/m²

AVAILABLE COLOURS:

- GREY similar to RAL 7035
- GREEN similar to RAL 6021
- RED similar to RAL 3013
- TOBACCO similar to RAL 8023

Other colours can be supplied upon request

CORINPLATE

PACKAGING
25 kg bags

WEAR-RESISTANT CORUNDUM-BASED SURFACE HARDENER

Ideal for industrial flooring subject to moderate to heavy traffic.

CORINPLATE is a wear-resistant mineral hardener containing quartz and corundum selected based on the grading curve, hydraulic binders and various admixtures for reinforcing concrete industrial flooring providing excellent abrasion resistance. It is suitable for floors subject to moderate to heavy traffic. **CORINPLATE** has an excellent resistance to rolling friction and moderate resistance to abrasion.

IDEAL FOR

- Areas subject to moderate and heavy traffic.
- Areas exposed to heavy work, vibration and impacts.
- Warehouses with moderate traffic.

CONSUMPTION: 2 ÷ 4 kg/m²

AVAILABLE COLOURS:

- GREY similar to RAL 7035
- GREEN similar to RAL 6021
- RED similar to RAL 3013
- TOBACCO similar to RAL 8023

Other colours can be supplied upon request

INDUSTRIAL FLOORING HARDENERS AND READY-MIX PRODUCTS FOR "DRY-SHAKE" REINFORCEMENT

METALPLATE

PACKAGING
25 kg bags

WEAR-RESISTANT SURFACE HARDENER BASED ON CORUNDUM AND METAL AGGREGATES

Ideal for industrial flooring subject to high stresses.

METALPLATE is a mineral hardener based on corundum, metal aggregates, hydraulic binders and various admixtures for reinforcing industrial floors providing excellent resistance to abrasion and impacts. It is suitable for flooring exposed to heavy traffic and impacts. It has an excellent resistance to abrasion and rolling friction.

IDEAL FOR

- Areas subject to heavy traffic.
- Areas exposed to heavy work, vibration and impacts.
- Heavy engineering industry.
- Architectural flooring with smooth "rust effect" finish.

CONSUMPTION: 5 ÷ 10 kg/m^2

AVAILABLE COLOURS:

- GREY similar to RAL 7035
- RED similar to RAL 3013
- GREEN similar to RAL 6021
- TOBACCO similar to RAL 8023

Other colours can be supplied upon request

REINFORCED COATINGS FOR THICK INDUSTRIAL FLOORS AND VEHICULAR RAMPS

DURCROM 50

PACKAGING
25 kg bags

PRE-MIXED FIBRE-REINFORCED FLUID MORTAR FOR REINFORCED HARDENING OF CONCRETE FLOORS WITH TOPPING

Ideal for industrial floors, ramps and for the execution of smooth Venetian terrazzo flooring.

DURCROM 50 is a pre-mixed product containing corundum, selected quartz aggregates and hydraulic binders for the preparation of topping for thick surface reinforcement of industrial flooring and vehicular ramps featuring high compressive strength and abrasion resistance.

IDEAL FOR

- Slip-resistant vehicular ramps.
- Industrial flooring with topping for areas subject to heavy traffic and wear.
- Architectural flooring with smooth finish.

CONSUMPTION: approx. 20 kg/m²per cm of thickness

AVAILABLE COLOURS:

GREY similar to RAL 7035
GREEN similar to RAL 6021
RED similar to RAL 3013
TOBACCO similar to RAL 8023

Other colours can be supplied upon request

LOW THICKNESS SYSTEM FOR INDUSTRIAL FLOORING

TECHNOLOGY AND KNOW-HOW FOR LOW-THICKNESS CONCRETE FLOORING

The design of floors for special uses or conditions often requires the use of low-thickness screeds that must also guarantee high physical and mechanical performances. However, traditional technologies do not ensure flawless concrete flooring.

MAIN USES

- Slabs in multi-storey car parks.
- Cover slabs for driveways.
- Reinforcement of existing flooring subjected to high stresses

ADVANTAGES

Thanks to the higher density matrix, the system provides toughness and flexural strength that are more than two times higher than in ordinary concrete with guaranteed performance.

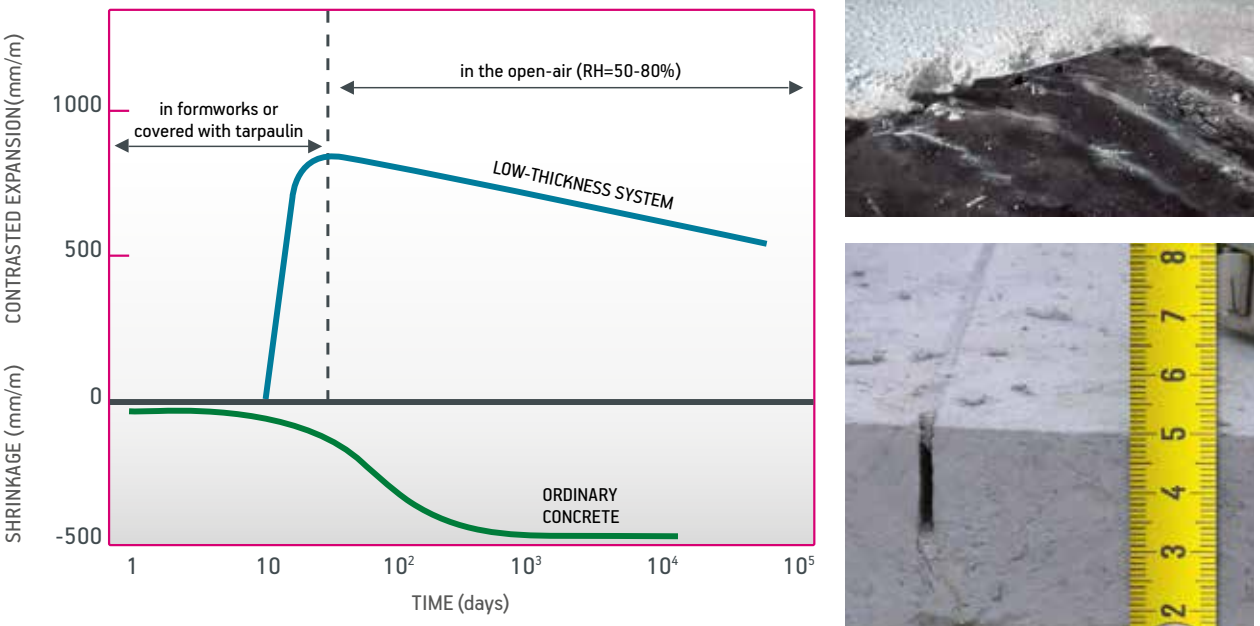
This means:

- Increased resistance to static and dynamic loads at the same weight.
- Less plastic shrinkage and thermal and moisture shrinkage.
- Less creep.
- Less risk of cracking.
- Less curling effect.
- Considerable increase in the construction's service life.
- Rapid drying and commissioning times.

LOWER THICKNESS, EXCEPTIONAL QUALITY

Concrete flooring requires a minimum thickness of the slab to avoid effects such as cracking and curling. Thanks to a specific mix of additives, fibres and admixtures, the DRACO LOW-THICKNESS SYSTEM assures durability of the slab even with thicknesses of up to 8 cm. With over 200.000 m² of flooring made with our low-thickness system, DRACO can offer you the right technology and know-how to build high-quality low-thickness concrete flooring.

DRACO



The LOW-THICKNESS SYSTEM controls shrinkage during the plastic phase as well as during water evaporation, thus reducing common defects caused by shrinkage, which would normally be greater when laying such low thickness slabs.

CECOMP SpA industrial warehouse - Piobesi, Turin

Protection of fibre-reinforced concrete industrial flooring with PAVILITIUM protective densifying treatment based on lithium silicates.

CURING AND PROTECTION OF CONCRETE FLOORING

DRACO presents a line of protective, curing and anti-dust treatments for protecting concrete industrial flooring.

Proper curing of cast concrete is fundamental to obtain excellent flooring. In outdoor casting evaporation may increase shrinkage, thus reducing the quality of flooring too. Therefore using an anti-evaporation agent protects casting and guarantees the whole structure's quality.

A particular technology applied to our product EPOCURING allows to successfully combine anti-evaporation with anti-dust effect. Anti-dust protection is another crucial requirement in concrete flooring. In addition to the traditional technology based on water-dispersible impregnating polymers, it also contains the densifying silicates of PAVILITIUM.

PROTECTIVE FILM-FORMING CURING COMPOUNDS FOR CONCRETE FLOORING

PROBETON CURING N

COMPLIANT WITH UNI 8656 UNI 8657 | HOT CLIMATE | ZERO CRACK TECHNOLOGY | DRACO USABILITY PROGRAM

APPLY BY

PACKAGING
10-20 L can | 200 L drum
1,000 L tank

FILM-FORMING CURING AGENT PREVENTING WATER EVAPORATION IN CONCRETE AND INDUSTRIAL FLOORING

PROBETON CURING N is designed for the protection and curing of any regular or pigmented concrete, both horizontally and vertically. It prevents the rapid loss of water from the concrete mixture.

IDEAL FOR

- Protecting and curing concrete flooring.
- Preventing evaporation of mix water.
- Casting in hot climates.

CONSUMPTION: 0.06 ÷ 0.1 l/m² by sprayer | 0.1 ÷ 0.16 l/m² by roller

AVAILABLE COLOUR:

☐ WHITE

EPOCURING

NEW 2 IN 1
CURING + ANTI-DUST

CE EN 1504-2 | HOT CLIMATE | ZERO CRACK TECHNOLOGY | CURING AND ANTI-DUST 2 EN 1

APPLY BY

PACKAGING
1 kg pail + 1 kg pail = (A+B) **2 kg**
5 kg pail + 5 kg pail = (A+B) **10 kg**
10 kg pail + 10 kg pail = (A+B) **20 kg**

EPOXY FILM-FORMING CURING COMPOUND PREVENTING WATER EVAPORATION IN INDUSTRIAL FLOORING WITH ANTI-DUST EFFECT

EPOCURING is an epoxy curing resin in aqueous emulsion for industrial flooring. When applied over the floor after trowelling, **EPOCURING** has an effective curing and anti-evaporation action and provides long-lasting anti-dust impregnation of the floor.

IDEAL FOR

- Protecting and curing concrete flooring.
- Preventing evaporation of mix water.
- Casting in hot climates and areas exposed to dirt and chemical attack.
- Anti-dust treatment.

CONSUMPTION: 70 ÷ 100 g/m² per coat depending on substrate absorption

AVAILABLE COLOUR:

☐ CLEAR

PAVILITIUM

APPLY BY

PACKAGING
20 kg can

SILICATE-BASED LIQUID SURFACE TREATMENT WITH Ddensifying ACTION FOR CONSOLIDATING CONCRETE INDUSTRIAL FLOORING

PAVILITIUM is a water-based non-film-forming liquid treatment based on lithium silicates for concrete consolidation. **PAVILITIUM** penetrates the surface of concrete to a depth of approx. 10 mm to over 30 mm, producing a crystal lattice that densifies, strengthens and increases the mechanical properties of the surface layer of concrete industrial flooring. This reaction increases the abrasion resistance and compressive strength, improves chemical resistance, reduces absorption and ensures an effective anti-dust action.

IDEAL FOR

- Anti-dust protective treatments for concrete industrial flooring.
- Consolidation and protection of reinforced and prestressed concrete surfaces.
- Protective, densifying and polishing treatment for concrete flooring.

CONSUMPTION: quartz floors approx.150 - 250 g/m^2 | non-quartz floors approx.250 - 400 g/m^2

AVAILABLE COLOUR:

☐ CLEAR

University Campus - Forlì, Italy

Execution of high-strength and quick-drying screeds suitable for underfloor heating systems with RAPIDBLOCK M, RAPIDBLOCK THERMO additives and FIBERFLEX synthetic fibres.

FLOOR SCREED AND INSULATING PRODUCTS

High-quality technical solutions for structure substrates and lightweight cellular concrete. Binders and premixed products for quick-drying high-strength screeding. Special admixtures for preparing quick-drying conductive screeds even with mixer trucks, ideal for laying wooden, natural stone and linoleum flooring. By properly using DRACO admixtures and fibres for screeds, it is possible to obtain high-performance screeds in terms of mechanical and thermal properties and faster drying, even when the traditional method or a mixer truck are used.

Discover the most innovative technology for preparing insulating concrete by using a product based on a synthetic matrix, with excellent performance in forming and maintaining foam over time.

DRACOCEM

PACKAGING
20 kg bags

HYDRAULIC BINDER FOR FAST DRYING AND CONTROLLED SHRINKAGE SCREEDS

Ideal for wooden flooring.

DRACOCEM is a special hydraulic binder which, when mixed with specially graded aggregates and water in the specified ratio, hardens quickly, thus ensuring foot traffic after about 4/6 hours and the application of tiles after about 24 hours (at 20°C).
DRACOCEM features quick setting and drying and controlled shrinkage. It is ideal for screeds with underfloor heating and the subsequent laying of wooden and linoleum flooring.

IDEAL FOR

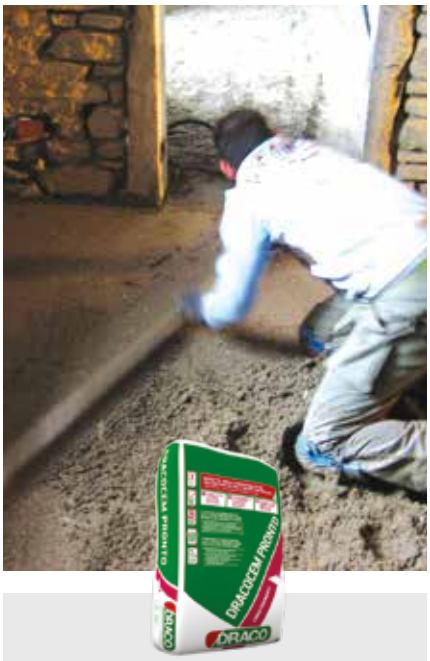
- Preparing quick-drying screeds with superior strength.
- Ensuring top-quality, high performance screeds.
- Preparing the substrate for laying wooden or linoleum flooring.

CONSUMPTION: 200 ÷ 280 kg/m^3

AVAILABLE COLOUR:

GREY

DRACOCEM PRONTO



PACKAGING
25 kg bags

FAST DRYING AND CONTROLLED-SHRINKAGE READY-TO-USE PRE-MIXED MICROFIBRE-REINFORCED SCREED

Ideal for wooden flooring.

DRACOCEM PRONTO is a rapid, ready-to-use pre-mixed screed, based on specially graded aggregates, hydraulic binders and special admixtures. When simply mixed with water in the specified ratio, **DRACOCEM PRONTO** ensures foot traffic after about 4/6 hours and the application of tiles after about 24 hours (at 20°C). It can be used for the construction of floating or bonded screeds thanks to quick-drying, controlled-shrinkage and short installation times. It is ideal for screeds with underfloor heating and the subsequent laying of wooden and linoleum flooring.

IDEAL FOR

- Rapidly and simply installing high-performance screeds.
- Installing screeds where traditional methods (on-site preparation) would be impractical.
- Preparing the substrate for laying wooden or linoleum flooring.

CONSUMPTION: 18 ÷ 20 kg/m^2 per cm of thickness

AVAILABLE COLOUR:

GREY

DRACOCEM PRONTO EASY

PACKAGING
25 kg bags

READY-TO-USE PRE-MIXED SCREED WITH FAST-DRYING AND CONTROLLED-SHRINKAGE PROPERTIES

DRACOCEM PRONTO EASY is a rapid, ready-to-use pre-mixed screed, based on specially graded aggregates, hydraulic binders and special admixtures. Thanks to its improved workability, when simply mixed with water, **DRACOCEM PRONTO EASY** is fast and easy to apply. **DRACOCEM PRONTO EASY** is ideal for the construction of bonded or floating screeds and quick-drying and controlled-shrinkage screeds containing heating elements. Tiles can be applied after about 24 hours (at 20 °C) and moisture sensitive materials after 10 days.

IDEAL FOR

- Rapidly and simply installing high-performance screeds.
- Laying semi-quick-drying screeds indoors and outdoors.
- Laying screeds which are suitable for the application of natural stone and ceramic floors, as well as parquet and resilient flooring.
- Screeds for low-thickness flooring.

CONSUMPTION: approx.17 kg/m^2 per cm of thickness

AVAILABLE COLOUR:

GREY

RAPIDBLOCK M

PACKAGING
25 kg can | 250 kg drum
1,250 kg tank

ACCELERATOR FOR FAST DRYING SCREEDS

Ideal for use with mixing truck.

RAPIDBLOCK M is a ready-to-use liquid admixture based on suitably modified synthetic compounds. It is specifically designed for installing fast drying screeds. **RAPIDBLOCK M** is a setting accelerator that enhances compactness and ensures fast drying of screeds.

IDEAL FOR

- Rapidly installing screeds using mixer trucks.
- Installing quick-drying screeds by means of mobile equipment, which are suitable for laying wooden and natural materials.

CONSUMPTION: 5 ÷ 8 kg per 100 kg of cement

AVAILABLE COLOUR:

DARK BROWN

RAPIDBLOCK THERMO

PACKAGING
10 and 25 kg can

PLASTICIZER FOR CONDUCTIVE SCREEDS

RAPIDBLOCK THERMO is a plasticizer based on synthetic polymers with high molecular weight, which is specifically designed for conductive screeds. Thanks to the high dispersing power and the joint action of its compounds, **RAPIDBLOCK THERMO** enhances the hydration of cement, thus increasing the initial and final strength of the screed. Reduced voids and improved microstructure increase thermal conductivity.

IDEAL FOR

- Suitable for use with mixer trucks.
- Sand-cement screeds to be laid on underfloor heating systems.

CONSUMPTION: 0.8 ÷ 1.5 kg per 100 kg of cement

AVAILABLE COLOUR:

DARK BROWN

CELLOCRETE

HIGH YIELD +30% DRACO USABILITY PROGRAM

PACKAGING
20 kg can | 200 kg drum
1,000 kg tank | Bulk in tanker (min. 4,000 kg)

SYNTHETIC-BASED FOAMING ADMIXTURE FOR THE PRODUCTION OF LIGHTWEIGHT INSULATING CONCRETE

CELLOCRETE is a foaming admixture based on synthetic anionic and non-ionic surfactants. **CELLOCRETE** is a neutral, hence non-aggressive product. When 2% **CELLOCRETE** is added to water, it produces a liquid which is entrained with air under pressure to form a micronized compact foam suitable for the production of Lightweight Cellular Concrete (LCC).

IDEAL FOR

- Preparing lightweight cellular concrete for insulation
- Preparing lightweight insulating concrete with polystyrene beads
- Use with organic aggregates such as cork, perlite and expanded clay.

CONSUMPTION: 1 to 2% by weight of water

AVAILABLE COLOUR:

CLEAR AMBER

Linate airport - Milan, Italy

Sealing of contraction joints of the airport pavement with EPOJOINT epoxy polyurethane resin.

SEALING OF JOINTS AND GROUT LINES

Complete line of products for waterproof sealing, filling and protection of contraction and construction joints in industrial and resin flooring. Thanks to DRACO technology, you will find the best solution to protect contraction and construction joints from chipping, breaking and deteriorating because of impacts or contact with aggressive substances. The sealing process with flexible elastic resins ensures cleanability and non-absorbency of the joint, thus increasing hygiene and extending the joint's life.

With our specific sealants based on acid resistant resins, washable waterproof sealing of joints can be made on tile and clinker floors.

FLEXIBLE RESIN-BASED SEALANTS FOR INDUSTRIAL FLOORING JOINTS

DRACOFLEX P

PACKAGING
310 ml cartridge (25 pcs per box)
600 ml soft cartridge (12 pcs per box)

ONE-COMPONENT POLYURETHANE SEALANT WITH MEDIUM MODULUS OF ELASTICITY FOR INDUSTRIAL FLOORING JOINTS

Flexible and chemical resistant for watertight and "washable" joints.

DRACOFLEX P is a one-component polyurethane sealant with high bonding to substrate and elasticity. It hardens by air humidity creating elastic sealing of both horizontal and vertical joints that are resistant to water and to the most common industrial cleaners and chemical products.

IDEAL FOR

- Elastic sealing of contraction joints in concrete industrial flooring.
- Sealing of vertical and horizontal joints in general.
- Joints exposed to water, detergents and other chemical agents.

CONSUMPTION: approx. 120 g/m (section 1x1 cm)

AVAILABLE COLOUR:

GREY similar to RAL 7035

EPOJOINT

PACKAGING
6 kg pail + 1 kg pail = (A+B) **7 kg**
12 kg pail + 2 kg pail = (A+B) **14 kg**

TWO-COMPONENT CHEMICAL RESISTANT FLEXIBLE EPOXY POLYURETHANE RESIN FOR SEALING JOINTS IN CONCRETE INDUSTRIAL FLOORING

EPOJOINT is an elastic resin for filling construction, control and expansion joints in concrete industrial flooring and road and airport pavements.
EPOJOINT exhibits superior working capacity and good resistance to impact and traffic. It is resistant to oils, petrol, kerosene, salt solutions.

IDEAL FOR

- Semi-rigid sealing in construction and contraction joints.
- Joints subject to moderate mechanical and chemical stress.
- Installations exposed to contact with salt solutions, oils, petrol etc.

CONSUMPTION: approx. 150 g/m (section 1x1 cm)

AVAILABLE COLOUR:

GREY similar to RAL 7035

DRAFIL

CLOSED CELL POLYETHYLENE FOAM BACKER ROD

DRAFIL is a round-section polyethylene foam backer rod used to form a third barrier between two construction elements (prefab panels, gaps between frames, window and door frames and structures, expansion joints, flooring joints etc.). As **DRAFIL** is a closed-cell polyethylene product, it is not absorbent and makes it possible to save a huge amount of resin.

IDEAL FOR

- Creating a third barrier during joint sealing cycles with resin.
- Gaps between frame and wall.
- Joints between prefabricated elements.

CONSUMPTION: see product data sheet

PACKAGING:

Ø 6 mm - 1500 m roll	Ø 20 mm - 150 m roll	Ø 40 mm - 120 m roll
Ø 10 mm - 600 m roll	Ø 25 mm - 100 m roll	Ø 50 mm - 84 m roll
Ø 15 mm - 250 m roll	Ø 30 mm - 180 m roll	

PROBLEM SOLVER

FORMING A CONTRACTION JOINT


Cut and clean the joint.


Place DRAFIL backer rod.


Apply polyurethane PRIMER PS30.


Apply DRACOFLEX P flexible polyurethane sealant.


Remove any excess sealant.


Remove the protective tape.

MAAR Group factory - Isola d'Elba, Livorno, Italy

Smoothing and structural repair of flooring with cement-based resin EPOMALT FAST 100.

RESTORATION AND REPAIR OF INDUSTRIAL FLOORING

A complete range of products for repairing, maintaining and restoring industrial flooring. Resins and products based on cement-based resins for repair of cracks, rigid joints, thresholds and grouting of machinery.

The range of products also includes the most advanced systems of resins and cement-based resins to restore old floors and make protective and consolidating coatings even on damp substrates, thus giving new life and function to old concrete, tiles and resin floors.

EPOXY-CEMENT SMOOTHING MORTARS TO REPAIR INDUSTRIAL FLOORING

EPOMALT

APPLY BY

PACKAGING
5 kg pail + 5 kg pail = (A+B) **10 kg**
10 kg pail + 10 kg pail = (A+B) **20 kg**

TWO-COMPONENT EPOXY-CEMENT RESIN FOR REPAIRING AND COATING CONCRETE FLOORING

Maximum adhesion even on damp substrates.

EPOMALT is a two-component epoxy-cement fine grained skim coat for fine smoothing, to repair and coat deteriorated concrete industrial flooring. Its special formula ensures exceptional bond even to damp substrates. It is highly resistant to abrasion and chemical attack, as well as being waterproof against negative pressure. The epoxy-cement formula makes it possible to apply the skim coat even in very hot and windy weather. It ensures a pleasant finish.

IDEAL FOR

- Restoration and repair of deteriorated concrete flooring subject to high traffic and stress.
- Levelling and smoothing of substrates prior to resin cycles even in case of rising damp.
- Smoothing and protection of structures exposed to aggressive environmental attack and abrasion even in the presence of damp substrates.
- Applications in hot and windy weather where a conventional product would be subject to evaporation of mix water.

CONSUMPTION: approx. 1.6 kg/m²per mm of nominal thickness | 450 ÷ 600 g/m² per coat minimum recommended: 1 ÷ 1.2 kg/m²

AVAILABLE COLOUR:

GREY similar to RAL 7038 — *Other colours can be supplied upon request.*

EPOMALT FAST 50

APPLY BY

PACKAGING
5 kg pail + 5 kg pail = (A+B) **10 kg**

TWO-COMPONENT EPOXY-CEMENT RESIN FOR QUICK-REPAIRING AND COATING OF CONCRETE FLOORING ALSO OUTDOOR

Smoothing version - approx. 0.4 mm per layer.

EPOMALT FAST 50 is a two-component epoxy-cement resin mortar for the restoration and coating of deteriorated concrete industrial flooring. Its special formula ensures exceptional bond even to damp substrates. **EPOMALT FAST 50** guarantees high resistance to abrasion and chemical attack, as well as being waterproof against negative pressure. The epoxy-cement formula makes it also suitable for outdoor use in the presence of cold weather, rain, freeze-thaw cycles, de-icing salts and high traffic.

IDEAL FOR

- Repairing outdoor yards, parking lots, warehouses and concrete flooring by reconstructing the wear layer.
- Industrial flooring subject to heavy traffic.
- Flooring exposed to aggressive environments even with damp substrates.
- Restoration of concrete flooring subject to wear, delamination and collapse.

CONSUMPTION: approx. 1.7 kg/m²per mm of nominal thickness | 450 ÷ 600 g/m² per coat minimum recommended: 0.9 ÷ 1 kg/m² (2 coats)

AVAILABLE COLOUR:

GREY similar to RAL 7038 — *Other colours can be supplied upon request.*

EPOXY-CEMENT SMOOTHING MORTARS TO REPAIR INDUSTRIAL FLOORING

EPOMALT FAST 100

APPLY BY

PACKAGING

5 kg pail + 5 kg pail = (A+B) **10 kg**

TWO-COMPONENT EPOXY-CEMENT RESIN
FOR QUICK-REPAIRING AND COATING OF CONCRETE FLOORING ALSO OUTDOOR

Medium-thickness version - approx. 0.6 mm per layer.

EPOMALT FAST 100 is a two-component epoxy-cement resin mortar for the restoration and exposed coating of deteriorated concrete industrial flooring. Its special formula ensures exceptional bond even to damp substrates. It guarantees high resistance to abrasion and chemical attack, as well as being waterproof against negative pressure. The epoxy-cement formula makes it also suitable for outdoor use in the presence of cold weather, rain, freeze-thaw cycles, de-icing salts and high traffic. It can be left exposed thanks to its excellent physical, mechanical and anti-slip properties; it is possible to improve the finish and surface evenness by using the low-thickness version EPOMALT FAST 50 for smoothing.

IDEAL FOR

- Repairing outdoor yards, parking lots, warehouses and concrete flooring by reconstructing the wear layer.
- Industrial flooring subject to heavy traffic.
- Flooring exposed to aggressive environments even with damp substrates.
- Restoration of concrete flooring subject to wear, delamination and collapse.

CONSUMPTION: approx. 1.7 kg/m^2 per mm of nominal thickness | min. 450 ÷ 600 g/m^2 per coat

AVAILABLE COLOUR:

GREY similar to RAL 7038

Other colours can be supplied upon request.

EPOBETON C

CE EN 1504-3 · FAST DRYING FLOOR REPAIR · JOINT REPAIR · DRACO USABILITY PROGRAM

APPLY BY

PACKAGING
10 kg pail + 2.1 kg pail = (A+B) **12.1 kg**

TWO-COMPONENT POURABLE EPOXY-CEMENT MORTAR FOR REPAIR OF CONCRETE FLOORS, FILLING OF SECTIONS AND UNDER-SLAB ANCHORING

Layer thickness from 0 to 5 mm.

EPOBETON C is a solvent-free fluid epoxy mortar consisting of epoxy resins, special admixtures and specially graded aggregates of various grain sizes. It is used to restore concrete floors, create rigid joints and for high-strength anchoring. EPOBETON is available in different versions depending on the thickness required. It is commonly used for the repair of flooring and the creation of joints, fixing, structural filling and precision anchoring of elements exposed to stresses and dynamic loads. It can be easily applied by pouring for the execution of layers up to 5 mm thick.

IDEAL FOR

- Filling cracks and fissures.
- Repairing thresholds in areas subject to heavy traffic.
- Precision under-slab anchoring.
- Grouting of tie-rods on horizontal sections.

CONSUMPTION: see product data sheet

AVAILABLE COLOUR:

LIGHT GREY

EPOBETON C3

CE EN 1504-3 · FAST DRYING FLOOR REPAIR · JOINT REPAIR · DRACO USABILITY PROGRAM

APPLY BY

PACKAGING
1 kg pail + 0.5 kg pail + 7.5 kg bag =
(A+B+C) **9 kg**

THREE-COMPONENT POURABLE EPOXY MORTAR FOR REPAIR OF CONCRETE FLOORS, RIGID JOINTS, FILLING OF SECTIONS AND ANCHORING

Layer thickness from 5 to 10 mm.

EPOBETON C3 is a solvent-free fluid epoxy mortar consisting of epoxy resins, special admixtures and specially graded aggregates of various grain sizes. It is used to restore concrete floors, create rigid joints, fill hollow sections and for high-strength anchoring. EPOBETON is available in different versions depending on the thickness required. It is commonly used for the repair of flooring and the creation of joints, fixing, structural filling and precision anchoring of elements exposed to stresses and dynamic loads. It can be easily applied by pouring to create 5-10 mm thick layers.

IDEAL FOR

- Filling rigid joints and sections.
- Superficial repair and levelling of cracks.
- Precision anchoring of rails or other elements subject to heavy stress.
- Fastening of tie-bolts, bolts and tie-rods.

CONSUMPTION: see product data sheet

AVAILABLE COLOUR:

LIGHT GREY

EPOBETON C4

APPLY BY

PACKAGING
1 kg pail + 0.5 kg pail + 7.5 kg bag =
(A+B+C) **9 kg**

THREE-COMPONENT POURABLE EPOXY MORTAR FOR STRUCTURAL ANCHORING, RIGID JOINTS AND FILLING OF SECTIONS

Layer thickness from 10 to 20 mm.

EPOBETON C4 is a solvent-free fluid epoxy mortar consisting of epoxy resins, special admixtures and specially graded aggregates of various grain sizes. It is used to restore concrete floors, create rigid joints, fill hollow sections and for high-strength anchoring. EPOBETON is available in different versions depending on the thickness required. It is commonly used for the repair of flooring and the creation of joints, fixing, structural filling and precision anchoring of elements exposed to stresses and dynamic loads. It can be easily applied by pouring to create layers 10-20 mm thick.

IDEAL FOR

- Filling rigid joints and sections.
- Creating high resistance control rigid joints on concrete flooring.
- Repairing thresholds in areas subject to heavy traffic.
- Precision anchoring of rails or other elements subject to heavy stress.
- Structural anchoring of tie-bolts, beams, pins in concrete, iron, rock structures.

CONSUMPTION: see product data sheet

AVAILABLE COLOUR:

LIGHT GREY

EPOBETON C5

APPLY BY

PACKAGING
1 kg pail + 0.5 kg pail + 7.5 kg bag = (A+B+C) **9 kg**

THREE-COMPONENT POURABLE EPOXY MORTAR FOR STRUCTURAL ANCHORING, FILLING OF SECTIONS, REPAIRS AND RIGID JOINTS

Layer thickness from 20 to 60 mm.

EPOBETON C5 is a solvent-free fluid epoxy mortar consisting of epoxy resins, special admixtures and specially graded aggregates of various grain sizes. It is used to restore concrete floors, create rigid joints, fill hollow sections and for anchoring. Available in different versions depending on the thickness required, it is commonly used for the repair of flooring and the creation of joints, fixing, structural filling and precision anchoring of elements exposed to stresses and dynamic loads.

IDEAL FOR

- Filling rigid joints and sections.
- Creating high-resistance control rigid joints.
- Precision anchoring of rails or other elements subject to heavy stress.
- Filling holes and voids subject to high stress.

CONSUMPTION: see product data sheet

AVAILABLE COLOUR:

LIGHT GREY

EPOXY MORTARS FOR REPAIR AND ANCHORING

PAVIFIX

QUICK REPAIRS
ACCESSIBLE IN 2 HOURS

UNI EN 13813 · QUICK SETTING · MECHANICAL STRENGTH · DRACO USABILITY PROGRAM

APPLY BY

PACKAGING
5 kg pail + 1 kg pail = (A+B) **6 kg**
10 kg pail + 2 kg pail = (A+B) **12 kg**

TWO-COMPONENT SHRINKAGE-COMPENSATED EPOXY MORTAR FOR QUICK REPAIR OF CONCRETE FLOORING

Quick repairs, 2-40 mm thickness.

PAVIFIX is a fast curing two-component epoxy mortar for spot repair of concrete flooring. **PAVIFIX** is not subject to shrinkage and exhibits high mechanical strength and resistance to abrasion; it is easy and quick to install and can be used to prepare the surface for subsequent resin coatings.

IDEAL FOR

- Rebuilding, grouting and repair of concrete and concrete mix floors and joint shoulders, including vertical applications.
- Ideal for surface preparation for resin coatings.
- It can be used both indoors and outdoors.

CONSUMPTION: approx. 2 kg/m^2 per mm of thickness

AVAILABLE COLOURS:

LIGHT GREY · RED · TOBACCO

EPOXY MORTARS FOR THE REPAIR OF JOINTS

RIPARAGIUNTI

CE UNI EN 13813 · FAST DRYING FLOOR REPAIR · JOINT REPAIR · RESISTANT TO ROLLING FRICTION · DRACO USABILITY PROGRAM

APPLY BY

PACKAGING
2 kg pail + 7 kg pail + 25 kg bag =
(A+B+C) **34 kg**

THREE-COMPONENT POURABLE EPOXY-CEMENT RESIN FOR SAW-CUT JOINTS

Layers up to 50 mm thick.

RIPARAGIUNTI is a mortar based on epoxy resins, binders and aggregates selected based on the grading curve for the repair of joints in concrete floors using the saw cutting method. **RIPARAGIUNTI** can be easily applied by pouring and is not subject to shrinkage. It exhibits excellent adhesion, chemical resistance and resistance to rolling friction and wear caused by road vehicles and mechanical handling equipment.

IDEAL FOR

- Repairing concrete floors subject to stress.
- Rebuilding deteriorated construction and contraction joints exposed to heavy traffic.
- Creating high-strength industrial floor joints.

CONSUMPTION: approx. 2 kg/m² per mm of thickness

AVAILABLE COLOUR:

GREY

PROBLEM SOLVER

THE INNOVATIVE EPOXY-CEMENT PRODUCT FOR SAW-CUT JOINTS

The construction joint is deteriorated. There is no sealing, this causing a build-up of dust and dirt. The edges of the slabs are chipped and subject to progressive deterioration.

Make two longitudinal cuts along the old joint to a depth of 5 cm and at 5 cm from the joint edges.

Demolish a 5cm x 10cm rectangular section lengthwise with the old joint.

After mixing the three components together pour **RIPARAGIUNTI** into the saw cut section. While the material is fresh, smooth the surface with a spatula.

The cast material can be polished the next day.

Cut the joint along the centre line.

Place **DRAFIL** backer rod at a depth of about 2 cm to create the third wall.

Seal the joint using **DRACOFLEX P** flexible polyurethane sealant.

Remove any excess sealant.

Remove the protective tape.

THE SO-CALLED SAW CUTTING METHOD IS A WELL-ESTABLISHED TECHNIQUE FOR FIXING CONSTRUCTION JOINT DETERIORATION PROBLEMS IN CONCRETE FLOORING SUBJECT TO HIGH STRESS WHICH COULD BE CAUSED, AMONG OTHERS, BY WIRE-GUIDED FORKLIFT TRUCKS.

Forlì airport - Italy

Bonding fresh concrete to existing concrete with structural flowable epoxy bonding adhesive EPOX RIPRESA.

PRIMERS AND BONDING AGENTS FOR PLACEMENT OF NEW CONCRETE OVER OLD ONE

A professional range of primers, adhesion promoters and bonding agents, specifically formulated for surface consolidation and impregnation of concrete substrates, even if dusty. Choosing the right primer makes the application of resin coatings easier, thus consolidating the substrate, promoting bonding and preventing any problem caused by damp substrates.

EPOX RIPRESA is an epoxy resin that guarantees structural bonding between new and existing concrete.

PRIMER ES40

CE EN 1504-2 | CONSOLIDATING and ADHESION PROMOTER 2 IN 1 | SUPERIOR PENETRATION | DAMP SUBSTRATES

APPLY BY

PACKAGING
1 kg pail + 1 kg pail = (A+B) **2 kg**
10 kg pail + 10 kg pail = (A+B) **20 kg**

TWO-COMPONENT SOLVENT-BASED IMPREGNATING EPOXY PRIMER FOR CONSOLIDATION

PRIMER ES40 is a two-component epoxy resin specifically formulated for the impregnation and consolidation of slightly porous substrates, including damp ones. It can be applied on concrete mix, stone materials, wood, etc. prior to epoxy cycles.

IDEAL FOR

- Promoting bonding to porous concrete substrates.
- Strengthening the surface of porous substrates.
- Preliminary treatment for epoxy cycles.

CONSUMPTION: 350 ÷ 400 g/m² per coat depending on substrate porosity

AVAILABLE COLOUR:

CLEAR AMBER

PRIMER E

CE EN 1504-4 | SUPERIOR PENETRATION | CONSOLIDATING and ADHESION PROMOTER 2 IN 1 | SOLVENT FREE | DAMP SUBSTRATES

APPLY BY

PACKAGING
1 kg pail + 0.5 kg pail = (A+B) **1.5 kg**
6 kg pail + 3 kg pail = (A+B) **9 kg**

TWO-COMPONENT SOLVENT-FREE IMPREGNATING EPOXY PRIMER FOR CONSOLIDATION

PRIMER E is a two-component epoxy resin ideal for impregnation and as adhesion promoter for all epoxy and epoxy-polyurethane cycles on substrates of concrete mix, stone material, wood, etc.

IDEAL FOR

- Consolidating and impregnating substrates of concrete, stone, etc.
- Treatment to promote adhesion and for consolidation prior to the application of epoxy cycles.
- Application even on damp substrates or in closed environments.
- Use for impregnation and as adhesion promoter in DRACOFLOOR systems.

CONSUMPTION: 300 ÷ 500 g/m² per coat depending on substrate porosity

AVAILABLE COLOUR:

CLEAR AMBER

PRIMER ANTISTATICO

CE UNI EN 13813 · HIGH PENETRATION · IMPROVED ADHESION · HIGH CONDUCTIVITY · CONSOLIDATING and ADHESION PROMOTER 2 IN 1

APPLY BY

PACKAGING
12.5 kg pail + 5.5 kg pail = (A+B) **18 kg**

TWO-COMPONENT PRIMER IN WATER DISPERSION FOR CONDUCTIVE FLOORING CYCLES

Specifically designed for installing DRACOFLOOR ANTISTATICO electro-static dissipative flooring.

PRIMER ANTISTATICO is an epoxy primer in water dispersion that is electrically conductive and specifically designed for anti-static flooring. It bonds strongly with the substrate, and thanks to its high penetration, it ensures a perfect adhesion to the subsequent coating with EPOLEVEL ANTISTATICO. The high conductivity of **PRIMER ANTISTATICO** (> 10000 kΩ) provides electro-static dissipative properties to DRACOFLOOR ANTISTATICO system.

IDEAL FOR

- Base coat for the DRACOFLOR ANTISTATICO cycle for creating anti-static coatings.
- Laboratories, operating rooms, sterile areas, server areas, data processing centres, data centres.
- High precision industries and clean rooms.

CONSUMPTION: 100 ÷ 150 g/m² per single coat depending on the temperature and surface conditions of the substrate

AVAILABLE COLOUR:

■ BLACK

WEPOX PRIMER

CE EN 1504-2 · HIGH PENETRATION · CONSOLIDATING and ADHESION PROMOTER 2 IN 1 · DRACO ECOLABEL

APPLY BY

PACKAGING
1 kg pail + 1 kg pail = (A+B) **2 kg**
5 kg pail + 5 kg pail = (A+B) **10 kg**
10 kg pail + 10 kg pail = (A+B) **20 kg**

TWO-COMPONENT EPOXY PRIMER IN WATER DISPERSION FOR RESIN COATINGS ON CONCRETE

WEPOX PRIMER is based on modified epoxy resins in water dispersion. A specific catalyzing agent makes it emulsifiable. Thanks to its high impregnating and consolidating properties, it is ideal to promote adhesion of coatings made with WEPOX COLOR.

IDEAL FOR

- Preparing substrates prior to the application of WEPOX COLOR.
- Promoting adhesion to the underlying substrate.

CONSUMPTION: 80 ÷ 100 g/m² per single coat
Highly absorbent surfaces: 150 ÷ 200 g/m² in two coats

AVAILABLE COLOUR:

□ CLEAR

PRIMER PS30

CE EN 1504-2 | HIGH PENETRATION | CONSOLIDATING and ADHESION PROMOTER 2 IN 1 | IMPROVED ADHESION

APPLY BY

PACKAGING
1 - 5 - 10 - 20 kg pail

ONE-COMPONENT CONSOLIDATING AND ADHESION PROMOTING POLYURETHANE PRIMER

PRIMER PS30 is a ready-to-use solvent-based one-component product based on modified polyurethane resins with superior adhesion and consolidating properties. Hardening takes place by polymerisation by ambient humidity.

IDEAL FOR

- Impregnation in resin applications.
- Promoting adhesion and consolidation prior to the application of polyurethane resin cycles.
- Promoting adhesion before using DRACOFLEX P to seal joints.

CONSUMPTION: 100 ÷ 250 g/m^2 per coat depending on substrate porosity

AVAILABLE COLOUR:

CLEAR AMBER

EPOX RIPRESA

CE EN 1504-4 | STRUCTURAL BONDING STEEL and CONCRETE | CONSOLIDATING and ADHESION PROMOTER 2 IN 1 | HIGH PENETRATION

APPLY BY

PACKAGING
1 kg pail + 0.3 kg pail = (A+B) **1.3 kg**
5 kg pail + 1.5 kg pail = (A+B) **6.5 kg**
10 kg pail + 3 kg pail = (A+B) **13 kg**

STRUCTURAL TWO-COMPONENT POURABLE EPOXY ADHESIVE FOR PLACEMENT OF NEW CONCRETE OVER OLD ONE AND REPAIRS

EPOX RIPRESA is a structural two-component water-based adhesive containing epoxy resins. It is suitable for placing new concrete over existing one, as well as bonding and monolithic repairs by pouring. **EPOX RIPRESA** ensures structural bonding even in damp conditions.

IDEAL FOR

- Placing new concrete over old one and screeds.
- Repairing cracks in concrete flooring and substrates.
- Priming prior to anchoring with special grouts.

CONSUMPTION: approx. 1.1 kg/m²per mm of thickness | New concrete over old one: 400 ÷ 800 g/m² depending on substrate porosity | Primer: 150 ÷ 300 g/m² depending on substrate porosity

AVAILABLE COLOUR:

☐ CLEAR

JULIAN FASHION - Milano Marittima, Ravenna, Italy

Coating of existing flooring with DRACOFLOOR MD integrated resin system (satin finish).

RESINS AND SEAMLESS COATINGS FOR FLOORING

Draco offers a wide range of polymer-based resins and coatings, specially formulated to meet the requirements of industrial flooring. Products based on the latest-generation non-toxic resins, ideal to make chemically-resistant anti-dust decorative coatings for industrial premises, laboratories, public and commercial buildings.

This range of products also includes the most advanced resin and cement-resin products, to repair and consolidate surfaces, restore old floors and make protective and consolidating coatings even on damp substrates, thus giving new life and function to old concrete, tiles and resin floors.

EPOXY-CEMENT MORTARS FOR PREPARING AND SKIM COATING DAMP SUBSTRATES

AQUASTOP T

APPLY BY

PACKAGING
1 kg pail + 5 kg pail + 10 kg bag = (A+B+C) **16 kg**

THREE-COMPONENT EPOXY-CEMENT SKIM COAT FOR DAMP SUBSTRATES

AQUASTOP T is a three-component epoxy-cement waterproofing compound based on special resins and aggregates, which make it highly resistant to water under pressure, continuous contact with moisture, water seepage and salts.

IDEAL FOR

- Coating and waterproofing of damp substrates with rising damp.
- Waterproofing of below-grade structures and underground premises.
- Priming against rising damp of new or well-preserved substrates prior to epoxy cycles and in DRACOFLOOR LD systems.

CONSUMPTION: approx. 2 kg/m² per mm of thickness | approx. 0.2 ÷ 0.5 kg/m² per coat minimum recommended: approx. 0.5 ÷ 0.8 kg/m²

AVAILABLE COLOUR:

CEMENT GREY

AQUASTOP T 50

APPLY BY

PACKAGING
1 kg pail + 5 kg pail + 12 kg bag = (A+B+C) **18 kg**

THREE-COMPONENT EPOXY-CEMENT WATERPROOFING COMPOUND AGAINST NEGATIVE WATER PRESSURE FOR DAMP SUBSTRATES

Ideal for waterproofing and levelling damp substrates prior to resin cycles.

AQUASTOP T 50 is a three-component epoxy-cement waterproofing compound based on special resins and aggregates, which make it highly resistant to negative water pressure, continuous contact with moisture, water seepage and salts.

IDEAL FOR

- Stopping moisture and protecting against negative pressure.
- Restoring damp substrates with rising damp.
- Waterproofing basements, cellars, foundations and retaining structures.
- Creating a chemical barrier against rising damp and for skim coating of damp substrates in DRACOFLOOR MD and HD systems.

CONSUMPTION: approx. 1.76 kg/m²per mm of thickness | 0.45 ÷ 0,6 kg/m² per coat minimum recommended: approx. 1.2 kg/m²

AVAILABLE COLOUR:

CEMENT GREY

EPOXY-CEMENT MORTARS FOR PREPARING AND SKIM COATING DAMP SUBSTRATES

AQUASTOP T 100

CE UNI EN 1504-2 · WATERPROOF BREATHABLE · SUITABLE FOR COUNTERTHRUST · DAMP SUBSTRATES · ABRASION · HIGH YIELD +30%

APPLY BY

PACKAGING
1 kg pail + 5 kg pail + 12 kg bag = (A+B+C) **18 kg**

THREE-COMPONENT EPOXY-CEMENT WATERPROOFING COMPOUND AGAINST NEGATIVE WATER PRESSURE

Thick version ideal for ultra-fine smoothing of damp substrates.

AQUASTOP T 100 is a three-component epoxy-cement waterproofing compound based on special resins and aggregates, which make it highly resistant to negative water pressure, continuous contact with moisture, water seepage and salts.

IDEAL FOR

- Stopping moisture and protecting against negative pressure.
- Restoring and waterproofing damp substrates with rising damp.
- Waterproofing basements, cellars, foundations and retaining structures.
- Creating a chemical barrier against rising damp and for skim coating damp substrates in DRACOFLOOR MD and HD systems.

CONSUMPTION: approx. 1.86 kg/m² per mm of thickness | 1.5 kg/m² per coat minimum recommended: approx. 1.5 ÷ 2 kg/m²

AVAILABLE COLOUR:

CEMENT GREY

EPOFONDO 3K

CE UNI EN 1504-2 · FAST DRYING FLOOR REPAIR · DRACO USABILITY PROGRAM

APPLY BY

PACKAGING
2 kg pail + 2 kg pail + 6 kg bag = (A+B+C) **10 kg**

THREE-COMPONENT EPOXY PRIMER FOR DAMP SUBSTRATES

Ideal for waterproofing damp substrates prior to resin application cycles.

EPOFONDO 3K is a three-component waterproofing primer based on epoxy resins in aqueous emulsion and hydraulic binders resistant to negative pressure. Ideal for epoxy or epoxy polyurethane resin coating of flooring in case of damp substrates, it also creates a barrier to rising damp in existing concrete or stone flooring, as well as ceramic, porcelain stoneware or resin coatings. **EPOFONDO 3K** ensures positive and negative side waterproofing, as well as protection against capillary rising damp.

IDEAL FOR

- Consolidating the surface prior to application of resin coatings in case of damp substrates.
- Thick levelling layer for cementitious surfaces.
- Creating a barrier in waterproofing systems and protective polymer coatings.

CONSUMPTION: 1.76 kg/m² per mm of thickness | 0.7 ÷ 1.2 kg/m² per coat (from 0.3 mm to max. 2 mm) | minimum recommended: approx. 1.2 kg/m²

AVAILABLE COLOUR:

☐ WHITE

RESINS FOR ANTI-DUST IMPREGNATION TREATMENT OF CONCRETE INDUSTRIAL FLOORING

WEPOX FINITURA

APPLY BY

PACKAGING
1 kg pail + 1 kg pail = (A+B) **2 kg**
PACKED IN PAIL
5 kg pail + 5 kg pail = (A+B) **10 kg**
10 kg pail + 10 kg pail = (A+B) **20 kg**

CLEAR TWO-COMPONENT EPOXY RESIN IN AQUEOUS EMULSION

Ideal for protective anti-dust treatment by impregnation of concrete industrial flooring.

WEPOX FINITURA is based on modified epoxy resins in aqueous emulsion. Thanks to its impregnating and consolidating properties, it is ideal for protective consolidating anti-dust treatments of concrete industrial flooring.
The application of **WEPOX FINITURA** also makes the floor oil and water repellent, thus improving surface resistance and ensuring easy cleaning. Solvent-free.

IDEAL FOR

- Protective consolidating anti-dust treatments.
- Finish coat by impregnation on industrial flooring.
- Oil and water-repellent treatments.

CONSUMPTION: approx. 1.10 kg/m²per mm of nominal thickness | 20 ÷ 40 g/m² per coat minimum recommended: 40 ÷ 80 g/m²

AVAILABLE COLOUR:

☐ CLEAR

WEPOX FINITURA ALF

APPLY BY

PACKAGING
4 kg pail + 4 kg pail = (A+B) **8 kg**

CLEAR ALIPHATIC EPOXY RESIN IN AQUEOUS EMULSION

Ideal for protective anti-dust treatment by impregnation of concrete industrial flooring.

WEPOX FINITURA ALF is an aliphatic epoxy resin in aqueous emulsion with a high capacity of penetration and saturation of the cement matrix, which makes it ideal for anti-dust and consolidating protective treatment of concrete industrial flooring. **WEPOX FINITURA ALF** has a satin finish and is resistant to UV rays. Its application makes the floor water and oil repellent and non-absorbent.

IDEAL FOR

- Protective layer on both new and existing concrete industrial flooring.
- Water and oil repellent treatments and anti-dust treatment of industrial flooring.
- Clear, stain-resistant protective coat for concrete floors.
- Protecting, making concrete flooring non-absorbent and increasing its durability.
- Treatment to stop dusting of screeds or concrete floor slabs under floating floors.

CONSUMPTION: 30 ÷ 40 g/m² per coat | minimum recommended: 60 ÷ 80 g/m² in two coats

AVAILABLE COLOUR:

☐ CLEAR SATIN-FINISH

POLIPLATE TRASPARENTE

PROTECTION FOR RESIN COATINGS · CHEMICAL RESISTANCE · AGE RESISTANT · ANTI SCRATCH · U.V. · ANTI DUST

APPLY BY

PACKAGING
4 kg pail + 4 kg pail = (A+B) **8 kg**

GLOSSY AND MATTE VERSIONS AVAILABLE

TWO-COMPONENT SOLVENT-BASED ALIPHATIC POLYURETHANE COATING

POLIPLATE TRASPARENTE is a two-component solvent-based aliphatic polyurethane resin with excellent properties of resistance to chemicals and wear, ideal for the protective finishing of epoxy and polyurethane coatings. **POLIPLATE TRASPARENTE** features high resistance to UV radiation, hence it does not yellow and, when used as the final protection for DRACOFLOOR epoxy resin coatings, it improves durability and resistance. **POLIPLATE TRASPARENTE** can be easily provided with anti-slip properties by adding DRACOFILLER glass beads (100 µm) at a rate of 3-5% by weight.

IDEAL FOR

- Abrasion-resistant protective finish coat of DRACOFLOOR systems.
- Surface protective clear coat of epoxy coatings even with anti-slip properties.
- Anti-dust finish coat of concrete and trowel-finished flooring (clear type).
- Final protective treatment of coatings in commercial premises, offices, hospitals and public places in general.
- Coating of industrial flooring subject to heavy wear or in contact with aggressive chemicals.

CONSUMPTION: approx.110 g/m² per coat I minimum recommended: approx.220 g/m² in two coats

AVAILABLE COLOUR:

☐ CLEAR glossy or matte

POLIPLATE 2 COLOR

CHEMICAL RESISTANCE · AGE RESISTANT · ANTI SCRATCH · U.V.

APPLY BY

PACKAGING
7.5 kg pail + 2.5 kg pail = (A+B) **10 kg**

TWO-COMPONENT SOLVENT-BASED COATING BASED ON ALIPHATIC POLYURETHANE RESINS

POLIPLATE 2 COLOR is a two-component solvent-based aliphatic polyurethane resin resistant to chemicals and wear. It is ideal as chemical resistant coating of industrial and civil flooring. **POLIPLATE 2 COLOR** is UV stable, resistant to wear and does not yellow. **POLIPLATE 2 COLOR** is a glossy finish. To obtain a matt finish, apply the aliphatic polyurethane coating POLIPLATE TRASPARENTE OPACO over it.

IDEAL FOR

- Abrasion and chemical resistant coating of industrial and civil flooring.
- Finish coat of epoxy resin systems and epoxy polyurethane systems.
- Coating in commercial premises, offices, hospitals and public places in general.

CONSUMPTION: approx.130 g/m² per coat I minimum recommended: approx.260 g/m² in two coats

AVAILABLE COLOURS:

GREY similar to RAL 7032 · GREY similar to RAL 7038 · RED similar to RAL 3000

Other colours can be supplied upon request.

RESINS FOR THIN FILM COATING AND PAINTING OF INDUSTRIAL FLOORING

WEPOX COLOR

CE EN 1504-2 | IMPROVED ADHESION | CHEMICAL RESISTANCE | WATER BASED | ANTI SCRATCH | U.V. | DRACO ECOLABEL

APPLY BY

PACKAGING

5 kg pail + 1.5 kg pail = (A+B) **6.5 kg**
10 kg pail + 3 kg pail = (A+B) **13 kg**

TWO-COMPONENT WATER-BASED PIGMENTED EPOXY COATING

Ideal for coating and protecting industrial flooring.

WEPOX COLOR is a two-component water-based pigmented epoxy resin featuring high adhesion to the substrate and improved moisture tolerance. It is suitable for creating a thin film coating with excellent chemical resistance, cleanability and surface hardness.

IDEAL FOR

- Coating and protecting industrial flooring.
- Application even on damp substrates.
- Mechanical industry, food industry, commercial premises, garages.
- Creating a thin film coating of architectural and industrial flooring with DRACOFLOOR LD system.

CONSUMPTION: approx. 1.15 kg/m²per mm of nominal thickness | 90 ÷ 110 g/m² per coat minimum recommended: 180 ÷ 220 g/m²

AVAILABLE COLOURS:

☐ NEUTRAL BASE ■ GREY similar to RAL 7038 ■ RED similar to RAL 3000

Other colours can be supplied upon request.

RESINS FOR THICK FILM COATING OF INDUSTRIAL FLOORING

EPOPLATE

CE EN 1504-2 | IMPROVED ADHESION | RESISTANT TO ROLLING FRICTION | SOLVENT FREE | DRACO DESIGN

APPLY BY

PACKAGING

10 kg pail + 2.3 kg pail = (A+B) **12.3 kg**

LARGE WORK KIT

4 x 200 kg drums (A) + 1 x 184 kg drum (B) = **984 kg**

TWO-COMPONENT SOLVENT-FREE EPOXY COATING

Ideal for thick film coating of concrete industrial flooring.

EPOPLATE is a solvent-free epoxy resin for coating floors for civil and industrial use. It is ideal for thick film coatings resistant to wear, rolling friction and the most common aggressive agents.

IDEAL FOR

- Anti-wear concrete flooring.
- Areas exposed to chemical attack, washing and friction.
- Commercial premises and offices.
- Creating a thick film coating of architectural or industrial floors with DRACOFLOOR MD system.

CONSUMPTION: 1.4 kg/m² per mm of nominal thickness | 200 ÷ 250 g/m² depending on substrate porosity | minimum recommended: 400 ÷ 450 g/m²

AVAILABLE COLOURS:

☐ NEUTRAL BASE ■ GREY similar to RAL 7038 ■ RED similar to RAL 3000

Other colours can be supplied upon request.

RESINS FOR SEAMLESS SELF-LEVELLING COATING OF FLOORS

EPOLEVEL

APPLY BY

PACKAGING
10 kg pail (A) + Large pail containing:
2.3 kg pail (B) + 10 kg PPL bag =
(A+B+C) **22.3 kg**

THREE-COMPONENT SOLVENT-FREE
SELF-LEVELLING EPOXY COATING
Ideal for industrial and design flooring.

EPOLEVEL is a three-component, solvent-free epoxy resin suitable for seamless, joint-free protective coatings of 2 to 3 mm thickness with high chemical and physical resistance and mechanical strength. It is ideal for industrial and design flooring.

IDEAL FOR

- Anti-wear concrete flooring.
- Areas exposed to chemical attack, washing and friction.
- Commercial premises and offices.
- Creating design flooring.
- Self-levelling coating of high resistance industrial and architectural flooring with DRACOFLOOR HD system.

CONSUMPTION: 1.7 kg/m² per mm of thickness | minimum recommended: 3.5÷5 kg/m²

AVAILABLE COLOURS:

GREY similar to RAL 7038 — RED similar to RAL 3000 — *Other colours can be supplied upon request.*

EPOLEVEL ANTISTATICO

APPLY BY

PACKAGING
6.95 kg pail + 3.05 kg pail
+ 20 kg pail = (A+B+C) **30 kg**

CONDUCTIVE SOLVENT-FREE
SELF-LEVELLING EPOXY COATING
Specifically designed for electro-static dissipative industrial flooring.

EPOLEVEL ANTISTATICO is a self-levelling antistatic conductive coating based on two-component solvent-free epoxy resin. With **EPOLEVEL ANTISTATICO** you can obtain conductive surfaces featuring high hardness, chemical inertia and a pleasant look.

IDEAL FOR

- Electronics companies and data centres.
- Explosion-proof environments.
- Laboratories, operating rooms, sterile areas.
- Intermediate conductive layer in DRACOFLOOR ANTISTATICO system.
- Storage areas for gases and materials with a risk of explosion.

CONSUMPTION: approx. 1.5 kg/m²per mm of thickness | minimum recommended: 2.6 ÷ 3.5 kg/m²

AVAILABLE COLOURS:

GREY similar to RAL 7038 — RED similar to RAL 3000 — *Other colours can be supplied upon request.*

EPOBETON CAF

CE UNI EN 13813 · IMPROVED ADHESION · SOLVENT FREE · CHEMICAL RESISTANCE · LAYER THICKNESS 6 to 20 mm

APPLY BY

PACKAGING 25 kg bag *(mineral filler)*
10 kg pail + 5 kg pail = (A+B) **15 kg**
20 kg pail + 10 kg pail = (A+B) **30 kg**

LARGE WORK KIT
2 x 192 kg drums (A) + 1 x 192 kg drum (B) = **576 kg**

SOLVENT-FREE EPOXY MORTAR FOR MULTI-LAYER SYSTEMS AND CHEMICAL RESISTANT THICK COATINGS

EPOBETON CAF is a three-component solvent-free epoxy mortar containing special mineral fillers. **EPOBETON CAF** makes it possible to create multi-layer resin systems. You can also customise the roughness and thickness - 6 to 20 mm - of the coating made with **EPOBETON CAF**.

IDEAL FOR

- Installing multi-layer resin systems.
- Creating chemical resistant 6 to 20 mm thick resin coatings.

CONSUMPTION: 1.8 ÷ 2.1 kg/m² per mm of thickness

AVAILABLE COLOURS:

- AMBER
- NEUTRAL

AVAILABLE GRAIN SIZES:

Component C available in the following grain sizes:
0.1 to 1 mm; 0.1 to 1.8 mm; 0.1 to 2.5 mm.

RELATED PRODUCTS

DRACOFILLER

MICROMETRIC FILLERS FOR ANTI-SLIP FINISH

To be used with POLIPLATE 2
Grain size: 70 to 100 µm
CONSUMPTION: approx. 20 g/m²
PACKAGING: 1 kg pail

DILUENTE EC

SOLVENT FOR EPOXY RESINS

Mixture of thinners made of components that create a stable product with high solvent power, low toxicity and low environmental impact to be used for diluting epoxy resins, varnishes and paints.

PACKAGING: 10 L -25 L tinplate pail

DILUENTE 105

SOLVENT FOR POLYURETHANE RESINS

Product based on solvents, specifically formulated for diluting polyurethane varnishes and paints. Ideal for polyurethane primers and glues, DILUENTE 105 can also be used for cleaning equipment.

PACKAGING: 10 L -25 L tinplate pail

CHEMICAL RESISTANT RESINS FOR COATING AND PROTECTING CONCRETE STRUCTURES

EPOWALL ALM

CERTIFIED FOOD CONTACT MATERIAL
(Ministerial Decree dd. 21.03.73 as amended)

EN 1504-2 | CHEMICAL RESISTANCE | IMPROVED ADHESION | SUITABLE FOR CONTACT WITH FOOD | ANTI MOULD

APPLY BY

PACKAGING
5 kg pail + 1.25 kg pail = (A+B) **6.25 kg**
10 kg pail + 2.5 kg pail = (A+B) **12.5 kg**

NON-TOXIC TWO-COMPONENT EPOXY COATING FOR FOOD CONTAINERS

EPOWALL ALM is a two-component coating based on modified epoxy resins with excellent chemical and mechanical resistance.
EPOWALL ALM is certified for contact with foodstuffs according to the requirements of Ministerial Decree dated 21/03/73 and subsequent amendments.

IDEAL FOR

- Chemical resistant coatings for food containers.
- The food industry.
- Protection of containers for wine, beer, must, juice, oils and fats.
- Milking parlours, slaughterhouses, food-processing areas.
- The pharmaceutical industry and analytical laboratories.

CONSUMPTION: 200 ÷ 300 g/m² per coat depending on substrate porosity
minimum recommended: 500 ÷ 600 g/m² in two coats

AVAILABLE COLOURS:

GREY similar to RAL 7038 | RED similar to RAL 3001

Other colours can be supplied upon request.

DRACOLOR

EN 1504-2 | ANTI CARBONATION | WATERPROOF BREATHABLE | AGGRESSIVE ENVIRONMENTS | CHEMICAL RESISTANCE

APPLY BY

PACKAGING
20 kg pail

DECORATIVE AND PROTECTIVE BREATHABLE COATING FOR CONCRETE STRUCTURES MADE OF SOLVENT-BASED METHACRYLIC RESINS

DRACOLOR is a one-component paint made of solvent-based methacrylic resins and pigments with high-covering power. It is used on concrete surfaces of bridges, viaducts, overpasses etc. to obtain a waterproof coating that is resistant to environmental pollutants, while maintaining excellent properties of permeability to water vapour.

IDEAL FOR

- Protection against carbonation and decoration of concrete structures.
- Exposed surfaces of overpasses, bridges, tanks, etc.
- Any application requiring resistance to chemical attack and to freeze-thaw cycles.

CONSUMPTION: approx. 1.6 kg/m²per mm of thickness | 250 ÷ 350 g/m² per coat
minimum recommended: 500 g/m²

AVAILABLE COLOURS:

CLEAR | RED similar to RAL 3001
GREY similar to RAL 7038

Other colours can be supplied upon request.

SEAMLESS SCREEDS AND COATINGS BASED ON POLYURETHANE-CEMENT FOR THE INDUSTRY

DURAFLOOR PRIMER

CE EN 1504-2

APPLY BY

PACKAGING
2.32 kg bag (A) + 1.11 kg bag (B)
+ 3.11 kg bag (C)

POLYURETHANE-CEMENT-BASED PRIMER IN AQUEOUS VEHICLE

DURAFLOOR PRIMER is a three-component polyurethane primer in aqueous vehicle specifically formulated to be used as adhesion promoter for the application of DURAFLOOR polyurethane-cement coating cycles.

IDEAL FOR

- Use as adhesion promoter for the application of the DURAFLOOR polyurethane-cement coating cycles.

CONSUMPTION: approx. 0.3 - 0.5 kg/m²

AVAILABLE COLOUR:

- ☐ CLEAR

DURAFLOOR SG

HACCP GUARANTEE

CE UNI EN 13813 · ABRASION · IMPROVED ADHESION · AGGRESSIVE ENVIRONMENTS · DAMP SUBSTRATES

APPLY BY

PACKAGING
1.16 kg bag (A) + 1.11 kg bag (B) +
22.38 kg bag (C) + 0.45 kg colour part bag (D)

HIGH PERFORMANCE POLYURETHANE COATING FOR ANGLE FILLETS AND VERTICAL SURFACES

Ideal for industrial applications.

DURAFLOOR SG is a polyurethane-cement-based waterborne thixotropic matte finish colour coating specifically formulated to be applied by trowel in 3 to 9 mm layers. It is ideal for the protection of vertical surfaces and the creation of angle fillets or skirting boards, as well as for the protection of sewage pipes, plinths, manholes and drains. **DURAFLOOR SG** completes DURAFLOOR polyurethane-cement-based flooring system.

IDEAL FOR

- The food industry.
- The pharmaceutical industry.
- The chemical industry.
- Industrial environments, storage areas.

CONSUMPTION: 2 kg/m² per mm of thickness

AVAILABLE COLOURS:

BEIGE · OCHRE · GREEN · RED · BLUE · MEDIUM GREY · DARK GREY

SEAMLESS SCREEDS AND COATINGS BASED ON POLYURETHANE-CEMENT FOR THE INDUSTRY

DURAFLOOR M

APPLY BY

PACKAGING
2.32 kg bag (A) + 2.22 kg bag (B) + 25.1 kg bag (C) + 0.45 kg colour part bag (D)

POLYURETHANE-CEMENT-BASED MORTAR RESISTANT TO IMPACT, SEVERE CHEMICAL ATTACK AND THERMAL SHOCK AND IDEAL FOR HIGHLY RESISTANT ANTI-SLIP HEAVY-DUTY INDUSTRIAL FLOORING

Ideal for areas subject to high traffic with frequent and prolonged traffic jams.

DURAFLOOR M is a polyurethane-cement-based four-component waterborne colour mortar for highly resistant heavy-duty industrial flooring. Applied in 6 to 12mm thick layers, **DURAFLOOR M** is ideal for seamless heavy-duty industrial floors that are highly resistant to chemical attack, impact, abrasion, frequent washing, discharge and spillage of even aggressive liquids at a high temperature of up to 150°C.

IDEAL FOR

- Slaughtering and meat processing, fish processing.
- Dairy factories, canning factories and beverage production plants.
- Chemical and pharmaceutical industries, laboratories, cold stores.
- Food production and preparation industries.

CONSUMPTION: DURAFLOOR M6 (version 6 mm): 12-14 kg/m²
DURAFLOOR M9 (version 9 mm): 18-20 kg/m²
DURAFLOOR M12 (version 12 mm): 24-26 kg/m²

AVAILABLE COLOURS:

BEIGE · OCHRE · GREEN · RED · BLUE · MEDIUM GREY · DARK GREY

DURAFLOOR SL

APPLY BY

PACKAGING
2.32 kg bag (A) + 2.22 kg bag (B) + 14.1 kg bag (C) + 0.45 kg colour part bag (D)

SELF-LEVELLING POLYURETHANE-CEMENT-BASED COATING RESISTANT TO IMPACT, SEVERE CHEMICAL ATTACK AND HIGH TEMPERATURES (UP TO 80°C)

Areas subject to medium to heavy traffic and contact with even high-temperature aggressive liquids - thickness 4 to 6 mm.

DURAFLOOR SL is a self-levelling polyurethane-cement-based four-component waterborne resin with smooth matte finish. **DURAFLOOR SL** can be applied in 4 to 6 mm thick layers to create heavy-duty seamless flooring resistant to chemical attack, impact, abrasion, frequent washing cycles, high-temperature liquid spillage and discharge, and requiring high hygiene and ease of cleaning.

IDEAL FOR

- Wineries, breweries, bottling plants and coffee roasting plants.
- Pasta manufacturing plants, canning factories and beverage production plants;
- Chemical and pharmaceutical industries, laboratories, cold stores.

CONSUMPTION: DURAFLOOR SL4 (version 4 mm): 8-10 kg/m²
DURAFLOOR SL6 (version 6 mm): 12-14 kg/m²

AVAILABLE COLOURS:

BEIGE · OCHRE · GREEN · RED · BLUE · MEDIUM GREY · DARK GREY

SEAMLESS SCREEDS AND COATINGS BASED ON POLYURETHANE-CEMENT FOR THE INDUSTRY

DURAFLOOR F

HACCP GUARANTEE

CE UNI EN 13813 · ABRASION · IMPROVED ADHESION · AGGRESSIVE ENVIRONMENTS

APPLY BY

PACKAGING

2.32 kg bag (A) + 2.22 kg bag (B) + 3.1 kg bag (C) + 0.45 kg colour part bag (D)

POLYURETHANE-CEMENT-BASED WATERBORNE FILM-FORMING COATING

Ideal as final wearing surface of DURAFLOOR 4.6 system.

DURAFLOOR F is a polyurethane-cement-based four-component waterborne resin for final film-forming coating of DURAFLOOR flooring. Being a thixotropic resin, it can be used on angle fillets and vertical surfaces. **DURAFLOOR F** has a matte finish and ensures high resistance to chemicals, traffic and thermal shock.

IDEAL FOR

- Processing and storage areas subject to traffic.
- Chemicals warehouses, industrial or foodstuffs warehouses, restrooms, laboratories.
- Food preparation areas.

CONSUMPTION: 0.35 kg/m² per 300 microns thickness (applied in two coats)

AVAILABLE COLOURS:

BEIGE · OCHRE · GREEN · RED · BLUE · MEDIUM GREY · DARK GREY

DURAFLOOR MS BASE

APPLY BY

PACKAGING

2.32 kg bag (A) + 2.22 kg bag (B) + 17.11 kg bag (C) + 0.45 kg colour part bag (D)

SEMI SELF-LEVELLING POLYURETHANE-CEMENT-BASED RESIN, RESISTANT TO IMPACT, CHEMICAL ATTACK AND HIGH TEMPERATURE.
IDEAL FOR INDUSTRIAL APPLICATIONS.

Base of DURAFLOOR MULTISTRATO system.

DURAFLOOR MS BASE is a four-component self-levelling polyurethane-cement-based colour resin with matte finish. **DURAFLOOR MS** can be applied in 4 mm thick layers to create the DURAFLOOR base for heavy-duty seamless industrial floors that are highly resistant to chemical attack, impact, abrasion, frequent washing cycles, high-temperature liquid spillage and discharge, and that require high hygiene and ease of cleaning.

IDEAL FOR

- High traffic storage and processing areas.
- Industrial warehouses, labs and storage areas.
- Flooring subjected to severe chemical attack, impact and high temperature.

CONSUMPTION: 2 kg/m² per mm of thickness - minimum recommended: 6 kg/m²

AVAILABLE COLOURS:

BEIGE · OCHRE · GREEN · RED · BLUE · MEDIUM GREY · DARK GREY

SEAMLESS SCREEDS AND COATINGS BASED ON POLYURETHANE-CEMENT FOR THE INDUSTRY

DURAFLOOR F ANTISKID

UNI EN 13813 · ABRASION · IMPROVED ADHESION · AGGRESSIVE ENVIRONMENTS

APPLY BY

PACKAGING
2.32 kg bag (A) + 2.22 kg bag (B) + 13 kg bag (C) + 0.45 kg colour part bag (D)

QUICK FILM-FORMING WATERBORNE POLYURETHANE-CEMENT COATING

Ideal for anti-slip finish.

DURAFLOOR F ANTISKID is a quick setting high performance anti-slip polyurethane-cement based resin to be applied on concrete and cement screeds with modified polymers. **DURAFLOOR F ANTISKID** is ideal for quick repair of the non-slip finish coat on deteriorated polyurethane-cement flooring or to create a thin non-slip finish on industrial flooring.

IDEAL FOR

- Areas in food and manufacturing industries.
- Warehouses and underground parking lots.
- Metalworking plants and renovation works.

CONSUMPTION: 1.5 kg/m² by spatula

AVAILABLE COLOURS:

BEIGE · OCHRE · GREEN · RED · BLUE · MEDIUM GREY · DARK GREY

FLEXIPARK

EN 1504-2 · QUICK TO LAY · ABRASION · IMPROVED ADHESION · AGGRESSIVE ENVIRONMENTS

APPLY BY

PACKAGING
8.52 kg pail (A) + 1.48 kg pail (B) + 8 kg bag (C)

THREE-COMPONENT FLEXIBLE POLYURETHANE COATING FOR CARRIAGEABLE EXTERNAL SURFACES

FLEXIPARK is a three-component UV-resistant polyurethane resin which is highly resistant to friction, with flexibility and chemical resistance properties which make it ideal for waterproof coating of parking lots and areas exposed to heavy traffic.

IDEAL FOR

- Coating of parking lots, even the outdoor ones.
- Coating of roofs subject to high traffic of people and vehicles.
- Coating of multi-storey car parks.

CONSUMPTION: approx. 1,7 kg/m² dependant on substrate profile and porosity

AVAILABLE COLOURS:

ORANGE · VIOLET · GREY · RED · BRICK RED · BLACK
YELLOW · LIGHT BLUE · BLUE · GREEN · SAGE GREEN · LIGHT GREY

Food Logistics Unit

Ordinary cleaning of resin coating DRACOFLOOR with specific non-foaming detergent RESICLEANER.

CLEANING AND CARE OF RESIN FLOORING

Seamless resin surfaces require appropriate cleaning and maintenance. This special coating must be cleaned with detergents specially formulated for the purpose.

Our range of resin flooring detergents includes products for both daily and extraordinary cleaning that ensure a perfect cleaning while respecting the surfaces, so that both quality and pleasant look are maintained over time.

HEAVY-DUTY DEGREASERS FOR DEEP CLEANING AND CARE OF RESIN FLOORING

RESICLEANER

PACKAGING
1 kg bottle | 10 kg can

MULTI-PURPOSE CLEANER
FOR DAILY CLEANING OF RESIN FLOORING

RESICLEANER is a versatile multi-purpose detergent with high cleaning power specifically formulated for the daily cleaning of DRACO resin flooring.
RESICLEANER is suitable for both manual and mechanical cleaning of all resin surfaces in industrial, commercial and residential environments. It makes the surfaces shine and last longer.
RESICLEANER has a delicate and persistent natural scent. Easy to use, it requires no rinsing and does not leave any residues or marks.

IDEAL FOR

- Daily cleaning of resin flooring made with EPOPLATE, EPOLEVEL, DRACOFLOOR resin systems or any resin floors.

CONSUMPTION: 15 ÷ 20 m² with 1 kg product

COLOUR
FLUO GREEN

RESICLEANER HD

PACKAGING
1 kg bottle | 10 kg can

NON-FOAMING DEGREASER
FOR DEEP CLEANING OF RESIN FLOORING

RESICLEANER HD (HEAVY DUTIES) is a non-foaming detergent with high emulsifying and degreasing power specially formulated to clean resin floors with stubborn stains of mineral and organic oils, food fats, lubricating oils, etc.
RESICLEANER HD is suitable for both manual and mechanical cleaning of all resin surfaces in industrial, commercial and residential environments. It removes stubborn stains and marks while respecting the polymeric matrix of the resin surface.
RESICLEANER HD is easy to use; it requires no rinsing and leaves no residues or marks.

IDEAL FOR

- Deep cleaning of resin flooring made with EPOPLATE, EPOLEVEL, DRACOFLOOR resin systems or any resin floors.
- Cleaning floors of warehouses, food processing facilities, hospitals, and canteens.

CONSUMPTION: 15 ÷ 20 m² with 1 kg product

COLOUR
YELLOW

K CLEANER

PACKAGING
1 kg bottle | 5-10 kg can

HIGHLY-CONCENTRATED NON-FOAMING ACIDIC CLEANER AND DESCALER

K CLEANER is a highly concentrated cleaner and descaler for removing limescale and inorganic residues from coils, concrete mixers, boilers, heat exchangers and pipes. It is also suitable for the first cleaning of floors in ceramic, porcelain stoneware, clinker and similar materials. It can be used with scrubber dryers or single-brush machines.
Product intended for professional use. ***HACCP compliant.***

IDEAL FOR

- Removing gypsum, scale and cement residues from acid-resistant floors.
- Removing efflorescence from terracotta tiles and porcelain stoneware flooring.
- Removing stains and heavy-duty rust from all acid-resistant surfaces.
- Descaling coils, pipes, boilers, cement mixers, keels.

CONSUMPTION: see product data sheet

COLOUR

☐ CLEAR STRAW YELLOW

Malucelli - Ferrari approved workshop - Forlì, Italy

Covering of the existing tile flooring with DRACOFLOOR MD high-strength integrated resin system.

SYSTEMS FOR INDUSTRIAL FLOORING

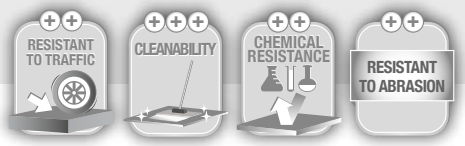
MUCH MORE THAN A SINGLE PRODUCT FOR A TOTAL QUALITY YOU CAN RELY ON.

We are committed to improving quality for our customers. This is why we have adopted a new technical approach based on application cycles. We do not offer single products, but rather integrated solutions aimed at making floor coatings more reliable and less sensitive to the variability of site-related factors, which might affect the performance and durability of a resin floor.

A top quality resin floor is a major investment. Do not let uncontrollable or underestimated risk factors undermine it or make the floor unfit for use. By choosing an integrated system you can avoid all these risk factors. The products of our systems will ensure the total quality of the coatings.

DRACO systems for industrial flooring are the following:

- DRACOFLOOR LD
- DRACOFLOOR MD
- DRACOFLOOR HD
- DRACOFLOOR ANTISTATICO
- DRACOFLOOR MULTISTRATO 10
- DRACOFLOOR MULTISTRATO 15
- DRACOFLOOR MULTISTRATO 50
- DRACOFLOOR DS
- DURAFLOOR 4.6
- DURAFLOOR 6.12
- MODULARE EPOMALT
- DRACOBIT
- DRACOFLOOR PLAY
- DRACOFLOOR SAFE PLAY
- DRACOFLOOR GYMNASIUM
- DRACOFLOOR COMFORT PU
- DRACOFLOOR PARKING
- DRACOFLOOR MULTISPORT



SYSTEM

DRACOFLOOR LD

THIN FILM RESIN FLOORING SYSTEM WITH HIGH RESISTANCE TO CHEMICAL-PHYSICAL FACTORS AND TO TRAFFIC

DRACOFLOOR LD is a thin film resin system for non-absorbent polymer coatings that ensure an excellent cost-performance ratio. **DRACOFLOOR LD** is easy to clean and has anti-dust properties. It is scratch-resistant and gives a very pleasant look.

PRODUCTS USED:

· **EPOFONDO 3K** · **WEPOX COLOR** · **POLIPLATE TRASPARENTE LUCIDO** ·

ADVANTAGES

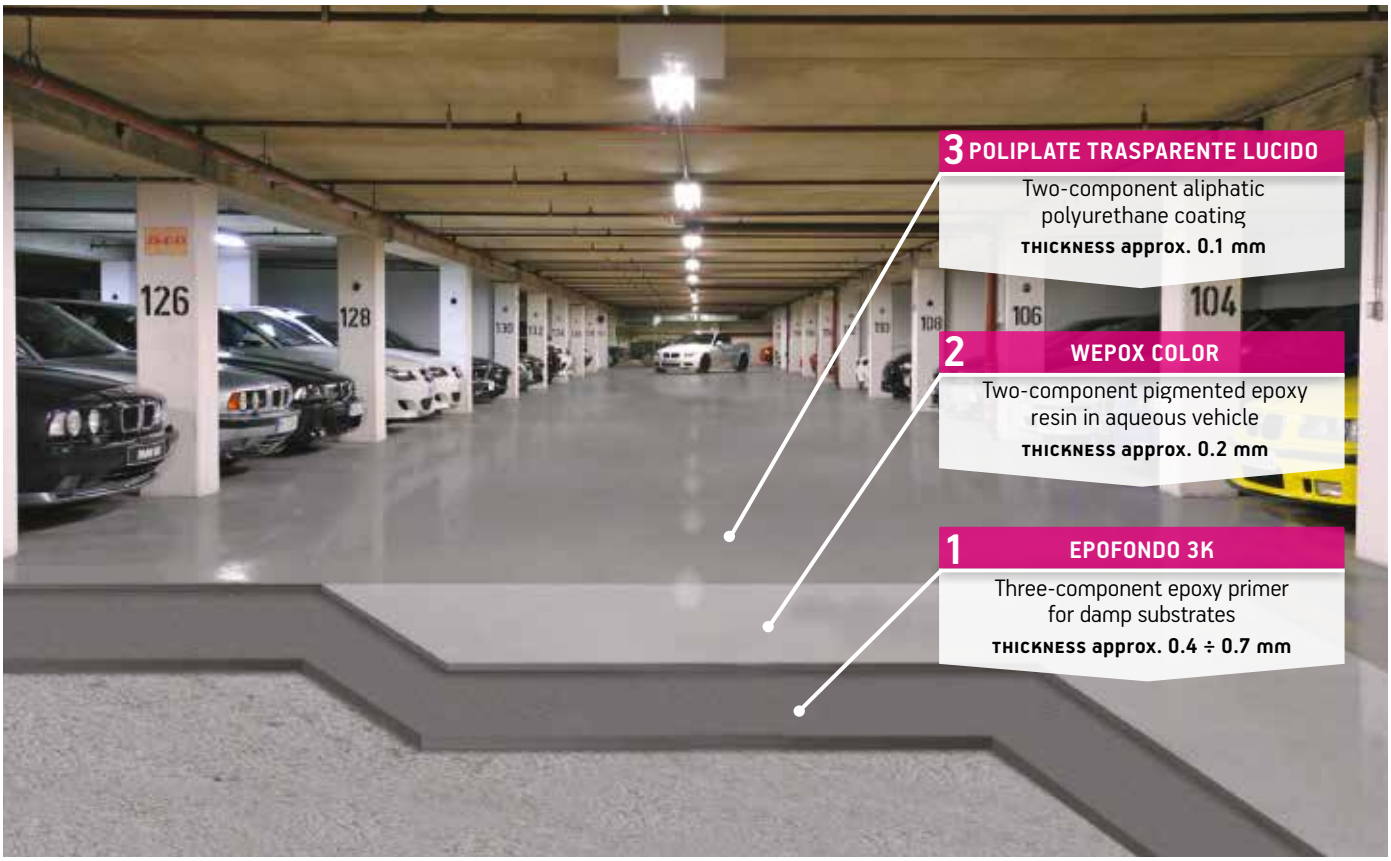
The system has the following characteristics:

- ✓ **high resistance to traffic;**
- ✓ **easy to clean and anti-dust;**
- ✓ **customised anti-slip properties;**
- ✓ **resistant to UV rays;**
- ✓ **simple and quick application cycle;**
- ✓ **excellent cost-performance ratio;**
- ✓ **good chemical resistance.**

IDEAL FOR

Wear resistant industrial flooring in:

- ✓ **garages and repair workshops, areas not subject to impacts or excessive traffic loads;**
- ✓ **laboratories, technical premises and warehouses;**
- ✓ **food processing plants where no aggressive products or procedures are used (no salt, slaughtering or similar);**
- ✓ **industrial and production areas in general.**



APPLICATION CYCLE

STEP 1

EPOFONDO 3K

CONSUMPTION:
1.6 kg/m² per mm of thickness
0.3 - 0.6 kg/m² per coat
THICKNESS:
approx. 0.4 ÷ 0.7 mm

STEP 2

WEPOX COLOR

CONSUMPTION:
180 ÷ 220 g/m² in 2 coats
THICKNESS: approx. 0.2 mm

STEP 3

POLIPLATE TRASPARENTE LUCIDO

CONSUMPTION:
approx. 150 - 200 g/m²
THICKNESS: approx. 0.1 mm

POLIPLATE TRASPARENTE LUCIDO
is also available with MATTE finish, upon request.

The yield of the application cycle is indicative and varies depending on type of substrate and environmental conditions. The values indicated herein are calculated at a temperature between +15 and +25°C, approx. 50% relative humidity, for a compact, adequately prepared substrate.

TOTAL AVERAGE THICKNESS: approx. 0.7 ÷ 1.2 mm

TECHNICAL SPECIFICATIONS (23°C - 50% RH)

· **Adhesion** (DIN ISO 4624)	> 1.5 N/mm²
· **Resistance to abrasion** (Taber test CS 17 wheel - 1,000 cycles - 1,000 g load)	60 mg
· **Compressive strength** (DIN EN 196)	50 N/mm²
· **Coeff. of linear thermal expansion** (DIN 53752)	$16x10^{-5}$ °k
· **Modulus of elasticity** (DIN 1048)	6000 N/mm²
· **Resistance to temperature** (outdoor)	-20°C ÷ +60°C

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	+
Slip resistance customised with glass beads	+
Chemical resistance	++
Resistance to abrasion	++
Resistance to traffic	++
UV resistance	+++
Cleanability	+++

Legend:
VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

SYSTEM

DRACOFLOOR MD

THICK LAYER RESIN FLOORING SYSTEM WITH EXCELLENT RESISTANCE TO CHEMICAL-PHYSICAL FACTORS AND TO HEAVY TRAFFIC

DRACOFLOOR MD is a thick layer epoxy system for industrial coatings in heavy-traffic areas and areas exposed to chemical attack and frequent washing. The **DRACOFLOOR MD** system exhibits excellent properties, which can assure absolute value over time for both owners and users of the structure it is applied to.

PRODUCTS USED:

· **AQUASTOP T 50** · **PRIMER E** · **EPOPLATE** · **POLIPLATE TRASPARENTE LUCIDO** ·

ADVANTAGES

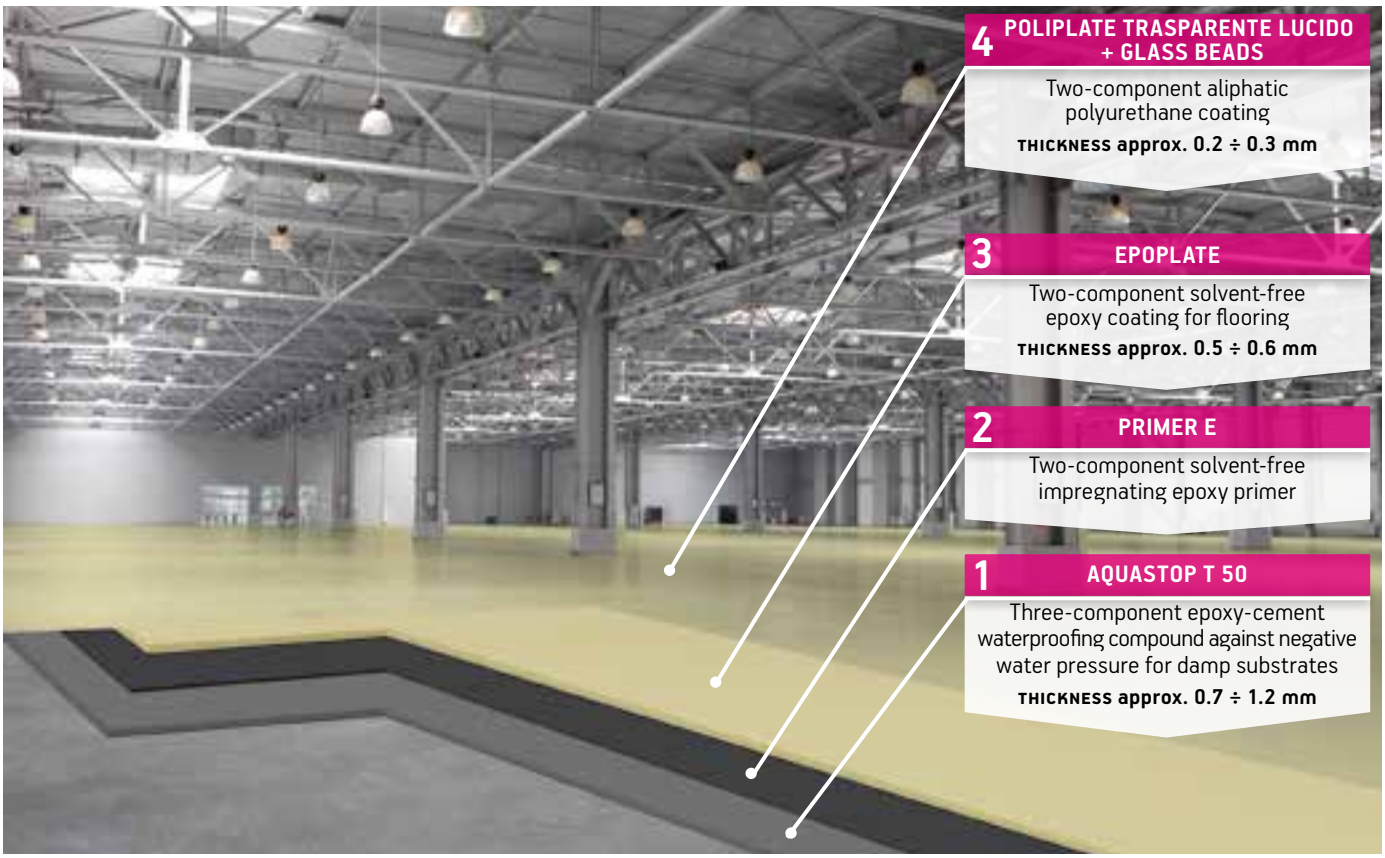
The system has the following characteristics:

- ✓ **high resistance to traffic;**
- ✓ **easy to clean;**
- ✓ **customised anti-slip properties;**
- ✓ **resistant to UV rays;**
- ✓ **waterproof and resistant to chemicals;**
- ✓ **excellent maintainability.**

IDEAL FOR

Wear resistant industrial flooring in:

- ✓ **commercial areas or offices subject to heavy foot traffic;**
- ✓ **transit and handling areas, warehouses, processing and storage areas;**
- ✓ **mechanical industries, garages and repair workshops;**
- ✓ **food, textile and chemical industries.**



APPLICATION CYCLE

STEP 1

AQUASTOP T 50

CONSUMPTION:
1.2 kg/m² in two coats
THICKNESS: approx. 0.7 ÷ 1.2 mm

STEP 2

PRIMER E

CONSUMPTION:
approx. 0.3 ÷ 0.5 kg/m² per coat

STEP 3

EPOPLATE

CONSUMPTION:
400÷450 g/m² in two coats
THICKNESS: approx. 0.5 ÷ 0.6 mm

STEP 4

POLIPLATE TRASPARENTE LUCIDO

160 ÷ 240 g/m² in two coats
THICKNESS: approx. 0.2÷0.3 mm (glass beads)

POLIPLATE TRASPARENTE LUCIDO
is also available with MATTE finish, upon request.

The yield of the application cycle is indicative and varies depending on type of substrate and environmental conditions. The values indicated herein are calculated at a temperature between +15 and +25°C, approx. 50% relative humidity, for a compact, adequately prepared substrate.

TOTAL AVERAGE THICKNESS: approx. 1.4 ÷ 2 mm

TECHNICAL SPECIFICATIONS (23°C - 50% RH)

· **Adhesion** (DIN ISO 4624)	> 1.5 N/mm²
· **Resistance to abrasion** (Taber test CS 17 wheel - 1,000 cycles - 1,000 g load)	85 mg
· **Compressive strength** (DIN EN 196)	85 N/mm²
· **Flexural strength** (DIN 1048)	35 N/mm²
· **Coeff. of linear thermal expansion** (DIN 53752)	$16x10^{-5}$ °k
· **Modulus of elasticity** (DIN 1048)	6000 N/mm²
· **Resistance to temperature** (outdoor)	-20°C ÷ +65°C

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	++
Slip resistance	++
Chemical resistance	+++
Resistance to abrasion	++
Resistance to traffic	+++
UV resistance	+++
Cleanability	+++

Legend:
VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

SYSTEM

DRACOFLOOR HD

HIGH-PERFORMANCE SELF-LEVELLING FLOORING SYSTEM WITH HIGH EVENNESS, VERY HIGH CHEMICAL AND MECHANICAL STRENGTH

DRACOFLOOR HD is a self-levelling system for thick layer coatings with high chemical and mechanical performances. The **DRACOFLOOR HD** system is a thick layer coating solution ensuring high resistance to impacts, abrasion and chemical attack. It guarantees long service life and minimum maintenance.

PRODUCTS USED:

· **AQUASTOP T 50** · **PRIMER E** · **EPOLEVEL** · **POLIPLATE TRASPARENTE LUCIDO** ·

ADVANTAGES

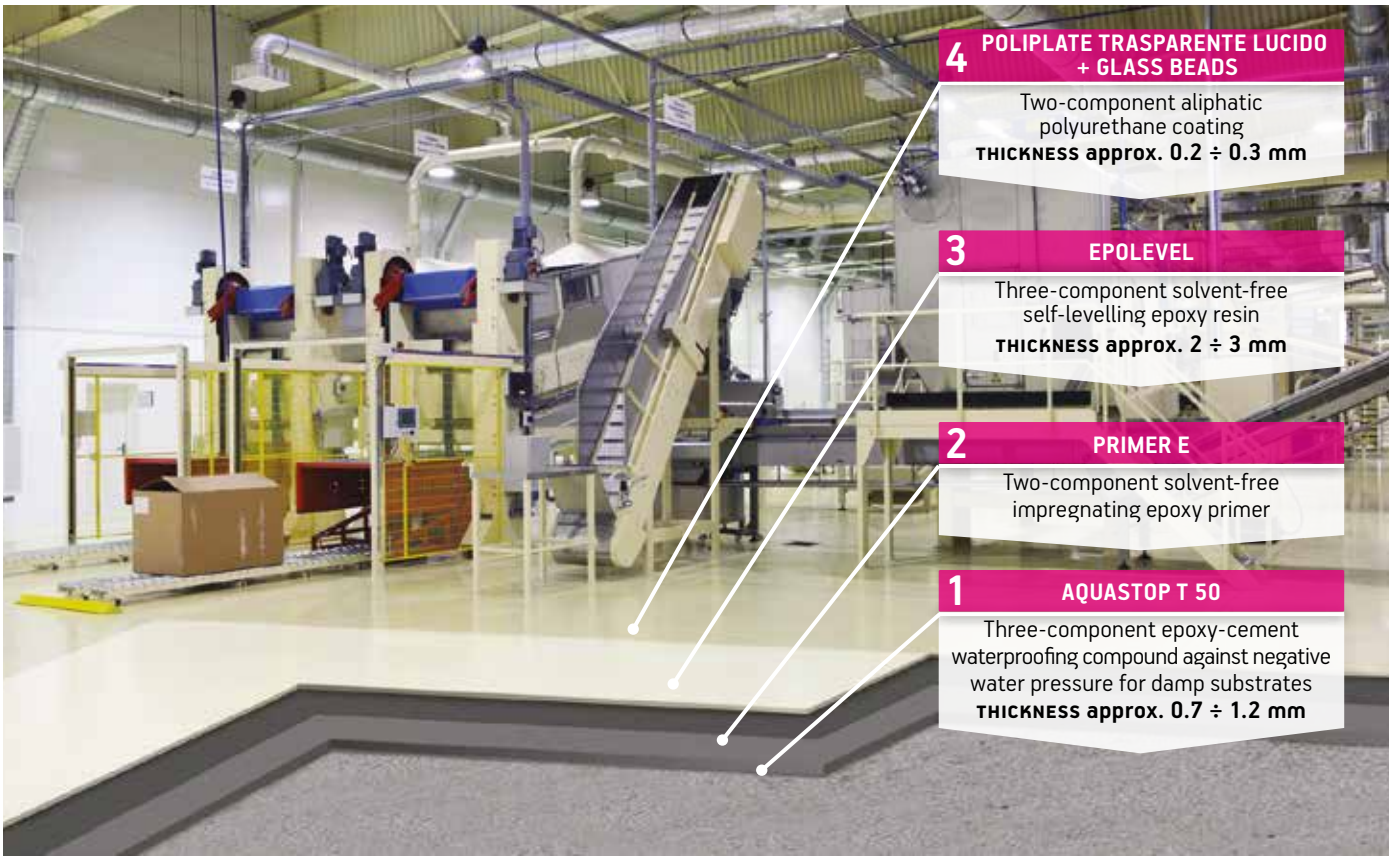
The system has the following characteristics:

- ✓ **high resistance to traffic;**
- ✓ **easy to clean and anti-dust;**
- ✓ **customised anti-slip properties;**
- ✓ **resistance to impacts;**
- ✓ **high chemical resistance;**
- ✓ **high evenness.**

IDEAL FOR

High-performance industrial flooring in:

- ✓ **processing areas, food industries, dairy factories, wineries;**
- ✓ **laboratories, operating rooms and sterile areas;**
- ✓ **chemical and pharmaceutical industries;**
- ✓ **automated warehouses, cold rooms, high design commercial areas.**



APPLICATION CYCLE

STEP 1

AQUASTOP T 50

CONSUMPTION:
1.2 kg/m² in two coats

THICKNESS:
approx. 0.7 ÷ 1.2 mm

STEP 2

PRIMER E

CONSUMPTION:
approx. 0.3 ÷ 0.5 kg/m² per coat

STEP 3

EPOLEVEL

CONSUMPTION: approx. 3.5 ÷ 5 kg/m²

THICKNESS: 2 ÷ 3 mm

STEP 4

POLIPLATE CLEAR LUCIDO

CONSUMPTION:
160 ÷ 240 g/m² in two coats

THICKNESS:
approx. 0.2 - 0.3 mm (+ glass beads - 0.2-0.3 mm)

POLIPLATE TRASPARENTE LUCIDO
is also available with MATTE finish, upon request.

The yield of the application cycle is indicative and varies depending on type of substrate and environmental conditions. The values indicated herein are calculated at a temperature between +15 and +25°C, approx. 50% relative humidity, for a compact, adequately prepared substrate.

TOTAL AVERAGE THICKNESS: approx. 3 ÷ 4.5 mm

TECHNICAL SPECIFICATIONS (23°C - 50% RH)

· **Adhesion** (DIN ISO 4624)	> 1.5 N/mm²
· **Resistance to abrasion** (Taber test CS 17 wheel - 1,000 cycles - 1,000 g load)	105 mg
· **Compressive strength** (DIN EN 196)	85 N/mm²
· **Flexural strength** (DIN 1048)	30 N/mm²
· **Coeff. of linear thermal expansion** (DIN 53752)	$16x10^{-5}$ °k
· **Modulus of elasticity** (DIN 1048)	6500 N/mm²
· **Resistance to temperature** (outdoor)	-20°C ÷ +65°C

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	+++
Slip resistance customised with glass beads	+++
Chemical resistance	+++
Resistance to abrasion	+++
Resistance to traffic	++++
UV resistance	+++
Cleanability	+++

Legend:
VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

SYSTEM

DRACOFLOOR ANTISTATICO

ELECTRO-STATIC DISSIPATIVE JOINTLESS FLOORING SYSTEM WITH HIGH CONDUCTIVITY AND ANTISTATIC PROPERTIES, RESISTANT TO CHEMICAL-PHYSICAL AGENTS AND TO TRAFFIC

DRACOFLOOR ANTISTATICO is a seamless resin-based system for creating static dissipative flooring that can be ideally used in all cases where, for safety reasons and/or to ensure the proper functioning of electronic devices, it is necessary to prevent a build-up of static electricity. **DRACOFLOOR ANTISTATICO** guarantees high chemical and physical resistance as well as unequalled cleanability, thanks to complete non absorbance and a reduced accumulation of static electricity, and hence of dust.

PRODUCTS USED:

· **AQUASTOP T 50** · **PRIMER E + STRIPS** · **PRIMER ANTISTATICO** · **EPOLEVEL ANTISTATICO** ·

ADVANTAGES

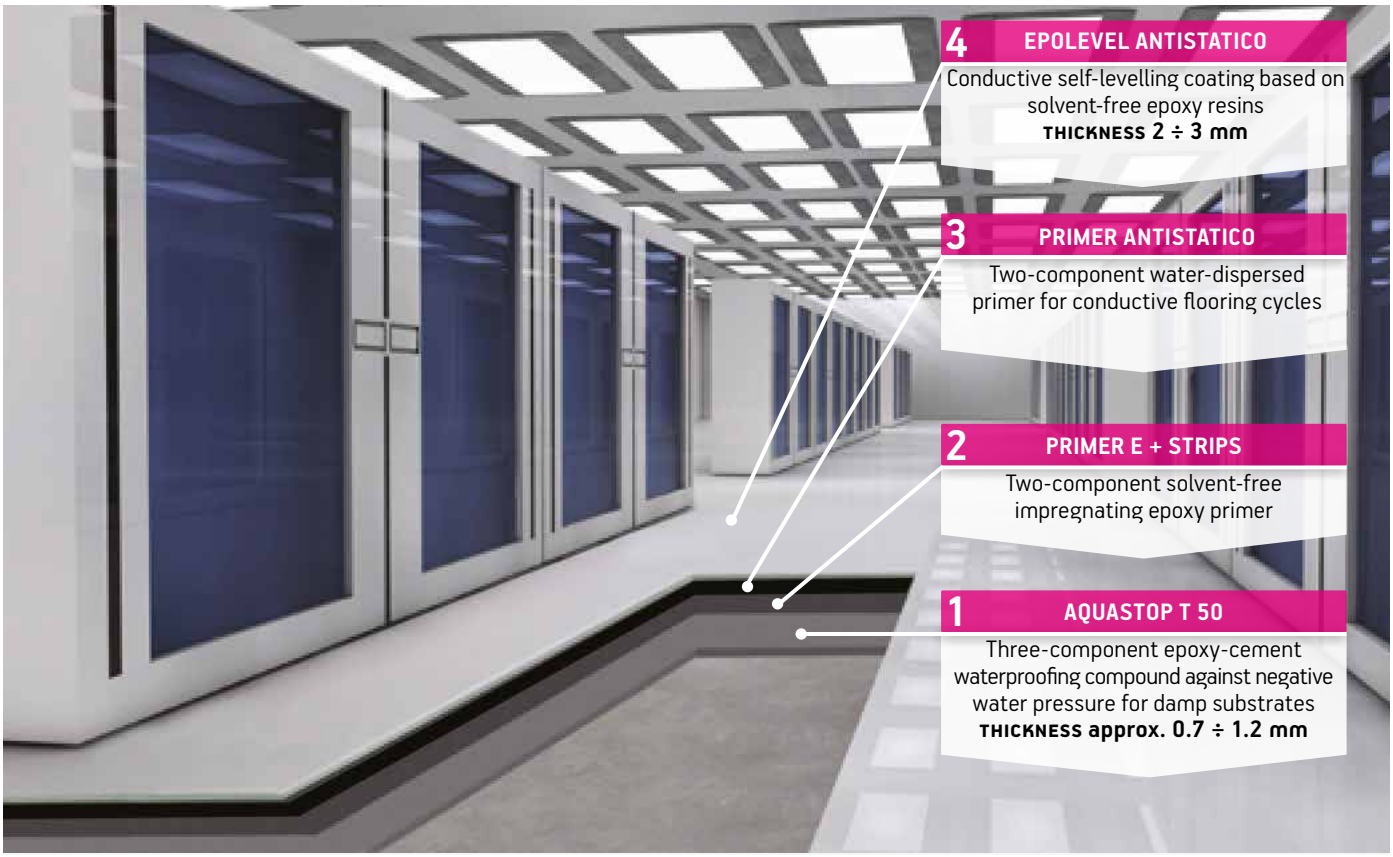
The system has the following characteristics:

- ✓ **high resistance to traffic;**
- ✓ **easy to clean and anti-dust;**
- ✓ **customised anti-slip properties;**
- ✓ **resistant to UV rays;**
- ✓ **high static dissipate properties;**
- ✓ **high evenness.**

IDEAL FOR

Wear resistant industrial flooring in:

- ✓ **explosion-proof environments such as storage areas for gases and flammable materials;**
- ✓ **laboratories and sterile areas;**
- ✓ **chemical and pharmaceutical industries;**
- ✓ **hospitals, operating rooms and intensive care units;**
- ✓ **areas where it is necessary to limit dust accumulation caused by electrostatic charge such as electronic and automotive industries.**



APPLICATION CYCLE

STEP 1

AQUASTOP T 50

CONSUMPTION:
1.2 kg/m^2 in two coats

THICKNESS:
approx. 0.7 ÷ 1.2 mm

STEP 2

PRIMER E + STRIPS

CONSUMPTION:
approx. 0.3 ÷ 0.5 kg/m^2 per coat

STEP 3

PRIMER ANTISTATICO

CONSUMPTION:
0,23 kg/m^2 per coat

STEP 4

EPOLEVEL ANTISTATICO

CONSUMPTION:
4-6 kg/m^2 in one layer

THICKNESS: 2 ÷ 3 mm

The yield of the application cycle is indicative and varies depending on type of substrate and environmental conditions. The values indicated herein are calculated at a temperature between +15 and +25°C, approx. 50% relative humidity, for a compact, adequately prepared substrate.

TOTAL AVERAGE THICKNESS: approx. 3 ÷ 3.5 mm

TECHNICAL SPECIFICATIONS

· **Electrical resistivity** (EN 61340-4-1)	<10^9 Ohms
· **Shore D hardness** (ISO 7619-1)	79
· **Abrasion resistance** (EN 13892-4)	AR 0.5
· **Compressive strength** (EN ISO 604)	38.6 MPa
· **Tensile strength** (EN ISO 527-2)	9.2 MPa
· **Flexural strength** (EN ISO 178)	24 N/mm^2
· **Bond strength** (EN 13892-8)	>3 N/mm^2 (substrate failure)
· **Resistance to impact** (EN 1504-2)	Class II
· **Resistance to high temperatures**	Tolerates temperatures up to +60°C (thickness 3 mm)
· **Chemical resistance**	Good
· **Reaction to fire** (EN 13501-1)	CFL – s1
· **UV stability**	No
· **FerFa**	Class 5
· **Total thickness**	approx. 3-3.5 mm

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	++
Slip resistance customised with glass beads	++
Chemical resistance	+++
Resistance to abrasion	++
Resistance to traffic	+++
UV resistance	+++
Cleanability	+++

Legend:

VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

RESISTANT TO TRAFFIC | SLIP RESISTANCE | CHEMICAL RESISTANCE | RESISTANT TO ABRASION

SYSTEM

DRACOFLOOR MULTISTRATO 10

SOLVENT-FREE MULTI-LAYER EPOXY RESIN SYSTEM FOR 0.6 - 1 mm THICK INDUSTRIAL FLOORING

DRACOFLOOR MULTISTRATO 10 is a multi-layer system for thick layer coatings with high chemical and mechanical performances. The **DRACOFLOOR MULTISTRATO 10** system features high resistance to impacts, vehicle traffic, abrasion and chemical attack. The **DRACOFLOOR MULTISTRATO 10** system has good anti-slip properties.

PRODUCTS USED:

· **PRIMER E** · **EPOPLATE** · **QUARTZ 0.1 ÷ 0.3 / 0.1 ÷ 0.5 mm** ·

ADVANTAGES

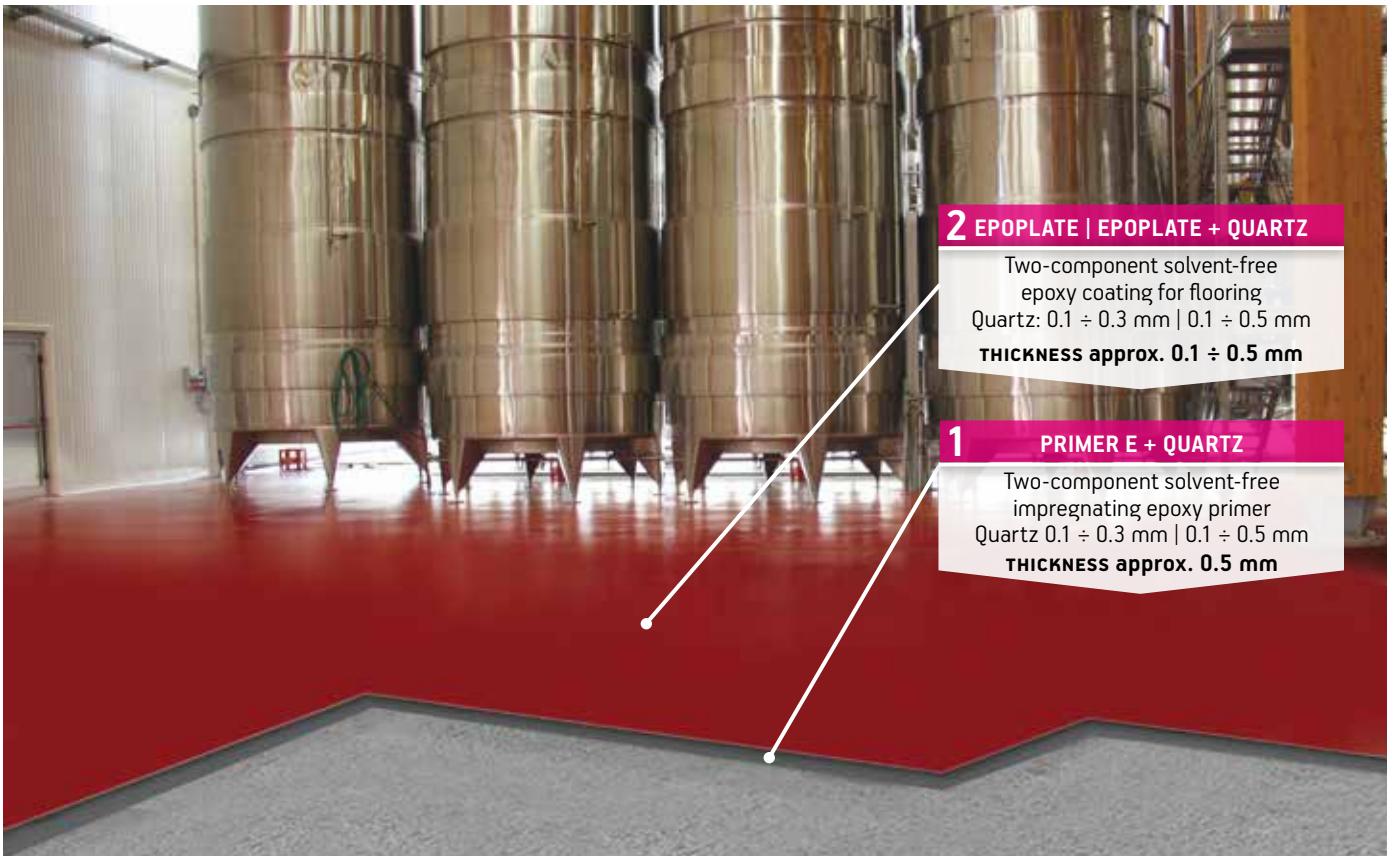
The system has the following characteristics:

- ✓ **excellent resistance to light to moderate traffic;**
- ✓ **easy to clean and anti-dust;**
- ✓ **customised anti-slip properties;**
- ✓ **resistance to impacts;**
- ✓ **high chemical resistance.**

IDEAL FOR

Industrial flooring subject to light to moderate traffic in:

- ✓ **processing areas, food industries, wineries;**
- ✓ **laboratories, operating rooms and sterile areas;**
- ✓ **chemical and pharmaceutical industries;**
- ✓ **automated warehouses, commercial areas and vehicle transit areas.**



APPLICATION CYCLE

STEP 1

PRIMER E + QUARTZ 0.1 ÷ 0.5
CONSUMPTION: 0.7 - 0.8 kg/m²

QUARTZ (0.1 ÷ 0.3) BROADCAST INTO WET LAYER
CONSUMPTION: 0.5 kg/m²

= THICKNESS: approx. 0.5 mm

STEP 2 (A)

EPOPLATE
CONSUMPTION: approx. 150 ÷ 200 g/m² per coat
THICKNESS: approx. 0.1 mm

TOTAL AVERAGE THICKNESS approx. 0.6 mm

STEP 2 (B)

EPOPLATE + QUARTZ (0.1 ÷ 0.3 / 0.1 ÷ 0.5)
CONSUMPTION: 0.7 - 0.8 kg/m²
THICKNESS: approx. 0.5 mm

TOTAL AVERAGE THICKNESS approx. 1 mm

The yield of the application cycle is indicative and varies depending on type of substrate and environmental conditions. The values indicated herein are calculated at a temperature between +15 and +25°C, approx. 50% relative humidity, for a compact, adequately prepared substrate.

TOTAL AVERAGE THICKNESS: (A) approx. 0.6 mm | (B) approx. 1 mm

TECHNICAL SPECIFICATIONS (after 7 days, +23°C - 50% RH)

· **Appearance**	Glossy finish
· **Adhesion** (UNI EN 13892-8)	> 1.5 N/mm²
· **Resistance to abrasion** (Taber test CS 17 wheel - 1,000 cycles - 1,000 g load)	55 mg
· **Operating temperature** (outdoor)	-20°C ÷ +50°C

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	++
Slip resistance	++
Chemical resistance	++
Resistance to abrasion	++
Resistance to traffic	+++
UV resistance	++
Cleanability	+++

Legend:
VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

RESISTANT TO TRAFFIC | SLIP RESISTANCE | CHEMICAL RESISTANCE | RESISTANT TO ABRASION

SYSTEM

DRACOFLOOR MULTISTRATO 15

SOLVENT-FREE MULTI-LAYER EPOXY RESIN SYSTEM FOR 1 - 1.5 mm THICK INDUSTRIAL FLOORING

DRACOFLOOR MULTISTRATO 15 is a multi-layer system for thick layer coatings with high chemical and mechanical performances. The **DRACOFLOOR MULTISTRATO 15** system features high resistance to impacts, vehicular traffic, abrasion and chemical attack. **DRACOFLOOR MULTISTRATO 15** has also good anti-slip properties.

PRODUCTS USED:

· **PRIMER E** · **EPOPLATE** · **QUARTZ 0.1 ÷ 0.3 / 0.1 ÷ 0.5 mm** ·

ADVANTAGES

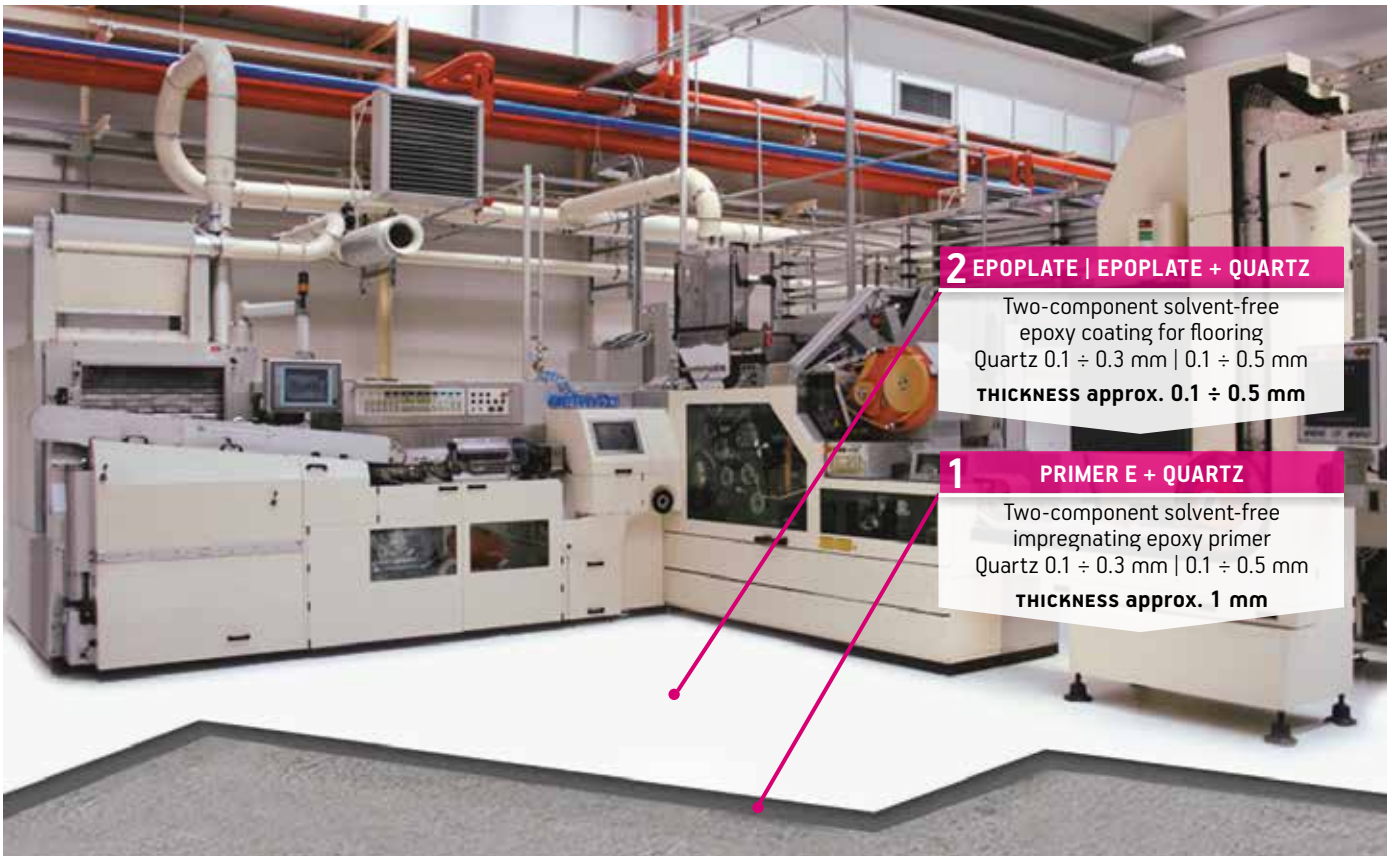
The system has the following characteristics:

- ✓ **excellent resistance to light to moderate traffic;**
- ✓ **easy to clean and anti-dust;**
- ✓ **customised anti-slip properties;**
- ✓ **high chemical resistance;**
- ✓ **high resistance to impacts.**

IDEAL FOR

Industrial flooring subject to light to moderate traffic in:

- ✓ **slaughterhouses, dairy factories and food processing plants subject to frequent contact with blood, oils and aggressive organic liquids;**
- ✓ **areas exposed to frequent pressure washing;**
- ✓ **chemical and pharmaceutical industries;**
- ✓ **automated warehouses, commercial areas and vehicle transit areas.**



APPLICATION CYCLE

STEP 1

1ST COAT

PRIMER E + QUARTZ (0.1 ÷ 0.5)

CONSUMPTION: 0.7 - 0.8 kg/m²

QUARTZ (0.1 ÷ 0.3) BROADCAST INTO WET LAYER

CONSUMPTION: 0.5 kg/m²

2ND COAT

PRIMER E + QUARTZ 0.1 ÷ 0.5

CONSUMPTION: 0.7 - 0.8 kg/m²

QUARTZ (0.1 ÷ 0.5) BROADCAST INTO WET LAYER

CONSUMPTION: 3 kg/m²

= THICKNESS: approx. 1 mm

STEP 2 (A)

EPOPLATE

CONSUMPTION: approx. 150 ÷ 200 g/m² per coat

THICKNESS: approx. 0.1 mm

TOTAL AVERAGE THICKNESS approx. 1 mm

STEP 2 (B)

EPOPLATE + QUARTZ (0.1 ÷ 0.3 / 0.1 ÷ 0.5)

CONSUMPTION: 0.7 - 0.8 kg/m²

THICKNESS: approx. 0.5 mm

TOTAL AVERAGE THICKNESS approx. 1.5 mm

The yield of the application cycle is indicative and varies depending on type of substrate and environmental conditions. The values indicated herein are calculated at a temperature between +15 and +25°C, approx. 50% relative humidity, for a compact, adequately prepared substrate.

TOTAL AVERAGE THICKNESS: (A) approx. 1 mm | (B) approx. 1.5 mm

TECHNICAL SPECIFICATIONS (after 7 days, +23°C - 50% RH)

· **Appearance**	Glossy finish
· **Adhesion** (UNI EN 13892-8)	> 1.5 N/mm²
· **Resistance to abrasion** (Taber test CS 17 wheel - 1,000 cycles - 1,000 g load)	55 mg
· **Operating temperature** (outdoor)	-20°C ÷+50°C

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	+++
Slip resistance	+++
Chemical resistance	++
Resistance to abrasion	+++
Resistance to traffic	++++
UV resistance	++
Cleanability	+++

Legend:

VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

SYSTEM

DRACOFLOOR MULTISTRATO 50

SOLVENT-FREE EPOXY RESIN SYSTEM FOR 5 mm THICK INDUSTRIAL FLOORING

DRACOFLOOR MULTISTRATO 50 is an epoxy system for thick layer coatings with high chemical and mechanical performances. The **DRACOFLOOR MULTISTRATO 50** system features high resistance to impacts, vehicle traffic, abrasion and chemical attack. The **DRACOFLOOR MULTISTRATO 50** system has also good anti-slip properties.

PRODUCTS USED:

· **PRIMER E** · **EPOBETON CAF** · **QUARTZ 0.1 ÷ 1.5 mm** · **EPOPLATE** · **POLIPLATE TRASPARENTE LUCIDO** ·

ADVANTAGES

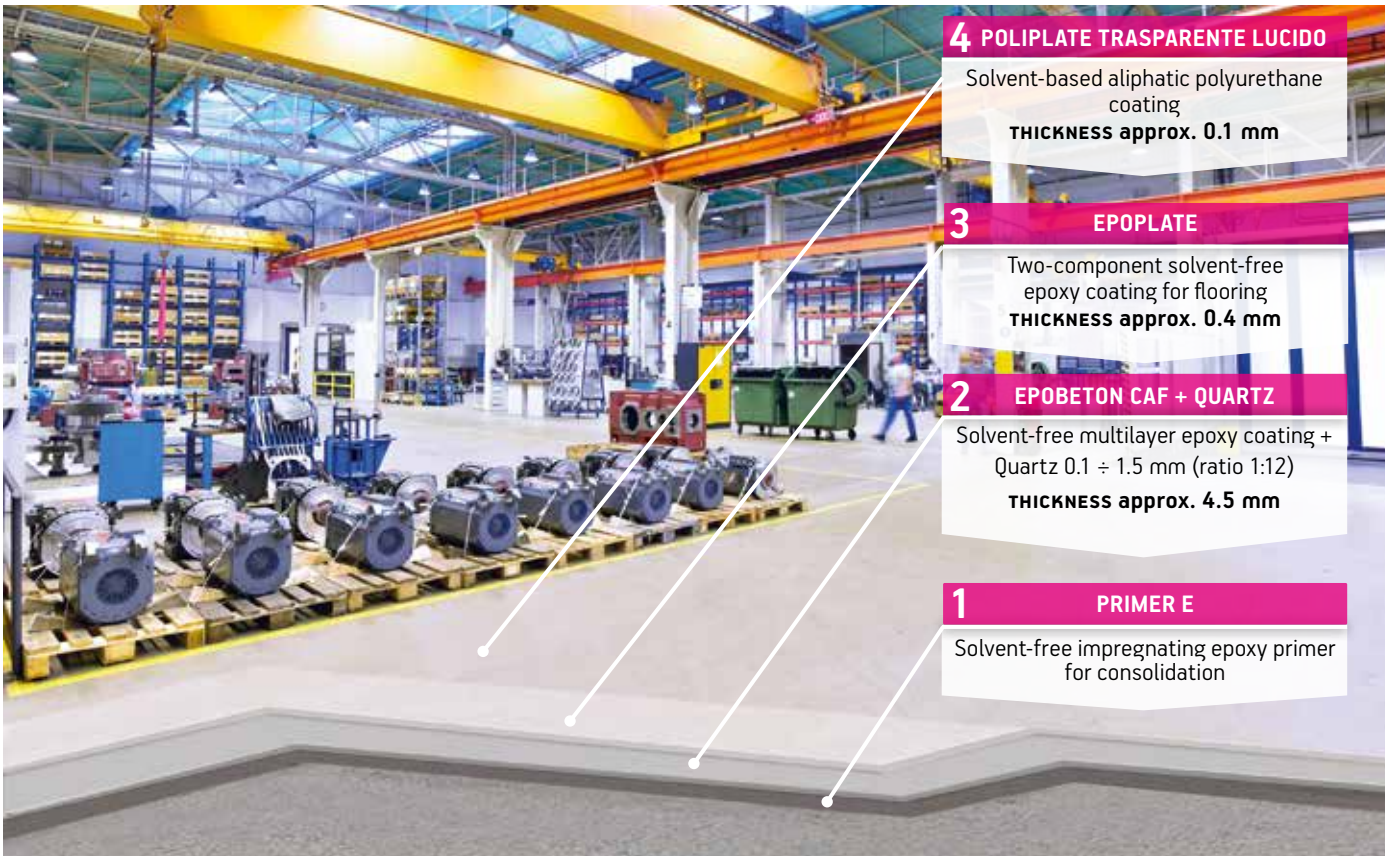
The system has the following characteristics:

- ✓ **excellent resistance to moderate to heavy traffic;**
- ✓ **easy to clean and anti-dust;**
- ✓ **customised anti-slip properties;**
- ✓ **high chemical resistance;**
- ✓ **high resistance to impacts.**

IDEAL FOR

Industrial flooring subject to moderate to heavy traffic in:

- ✓ **slaughterhouses, dairy factories and food processing plants subject to frequent contact with blood, oils and aggressive organic liquids;**
- ✓ **areas exposed to frequent pressure washing;**
- ✓ **chemical and pharmaceutical industries;**
- ✓ **automated warehouses, commercial areas and vehicle transit areas.**



APPLICATION CYCLE

STEP 1

PRIMER E

CONSUMPTION:
approx. 0.3 ÷ 0.5 kg/m^2
per coat

STEP 2

EPOBETON CAF + QUARTZ

CONSUMPTION:
9 kg/m^2 in two coats

THICKNESS: approx.
4.4 ÷ 4.5 mm

STEP 3

EPOPLATE

CONSUMPTION:
500 ÷ 550 g/m^2 in two coats

THICKNESS: approx.
0.4 ÷ 0.5 mm

STEP 4

POLIPLATE CLEAR LUCIDO

CONSUMPTION:
160 ÷ 240 g/m^2 in 2 coats

THICKNESS: approx. 0.1 mm

POLIPLATE TRASPARENTE LUCIDO
is also available with MATTE finish, upon request.

The yield of the application cycle is indicative and varies depending on type of substrate and environmental conditions. The values indicated herein are calculated at a temperature between +15 and +25°C, approx. 50% relative humidity, for a compact, adequately prepared substrate.

TOTAL AVERAGE THICKNESS: approx. 5 mm

TECHNICAL SPECIFICATIONS (23°C - 50% RH)

· **Adhesion** (DIN ISO 4624)	> 1.5 N/mm^2
· **Resistance to abrasion** (Taber test CS 17 wheel - 1,000 cycles - 1,000 g load)	105 mg
· **Compressive strength** (DIN EN 196)	85 N/mm^2
· **Flexural strength** (DIN 1048)	30 N/mm^2
· **Coeff. of linear thermal expansion** (DIN 53752)	16x10^{-5} °k
· **Modulus of elasticity** (DIN 1048)	6500 N/mm^2
· **Resistance to temperature** (outdoor)	-20°C ÷ +65°C

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	++++
Slip resistance	+++
Chemical resistance	+++
Resistance to abrasion	+++
Resistance to traffic	++++
UV resistance	+++
Cleanability	+++

Legend:
VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

RESISTANT TO TRAFFIC · SLIP RESISTANCE · CHEMICAL RESISTANCE · RESISTANT TO ABRASION

SYSTEM

DRACOFLOOR DS

HIGH-END SEAMLESS RESIN FLOORING - DRAINAGE SCREED TYPE - FOR INDOOR AND OUTDOOR USE

DRACOFLOOR DS is a system specifically designed for the construction of open drainage screeds. It is based on **FLEXIROOF** which is a clear elastic one-component polyurethane binder, to which **natural aggregates like marble pebbles and ceramic quartz** are added. This mix creates a high-end monolithic draining surface which is suitable for the execution of tailor-made decorations with complex geometries.

PRODUCTS USED:

· **EPOFONDO 3K** · **QUARTZ 0.7 ÷ 1.2 mm** · **FLEXIROOF** · **AGGREGATES 2 ÷ 3 mm** ·

ADVANTAGES

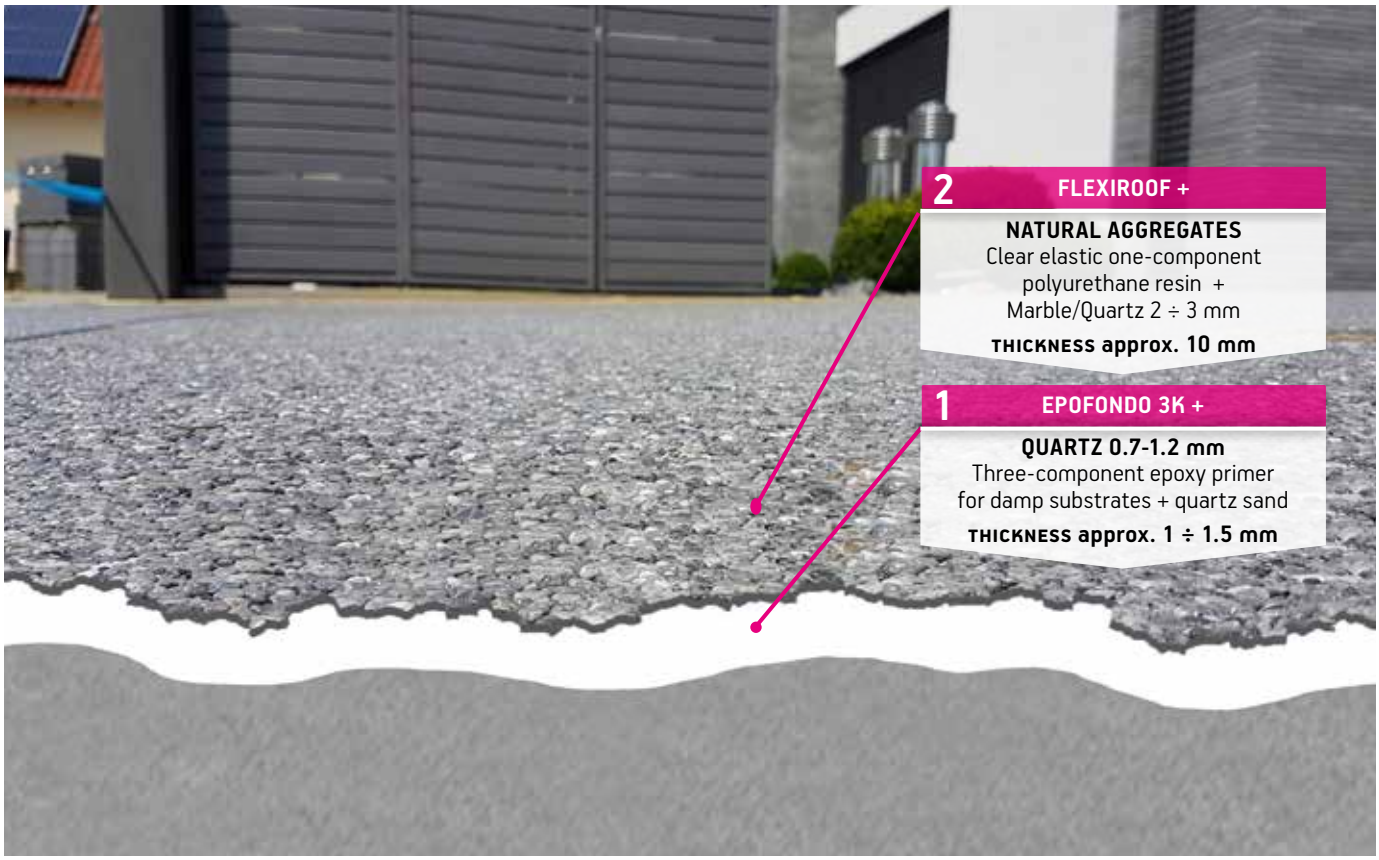
The system has the following characteristics:

- ✓ **high-end finish;**
- ✓ **suitable for indoor and outdoor use;**
- ✓ **resistant to freeze-thaw cycles and sudden temperature changes;**
- ✓ **draining properties;**
- ✓ **excellent resistance to traffic and impacts;**
- ✓ **anti-slip properties;**
- ✓ **high resistance to chemical attacks and UV rays.**

IDEAL FOR

Indoor and outdoor flooring subject to medium traffic such as:

- ✓ **squares, parks, pedestrian and cycle routes;**
- ✓ **terraces, balconies, common spaces and poolsides;**
- ✓ **public and private pedestrian/cycle routes usually subject to light traffic.**



APPLICATION CYCLE

STEP 1

EPOFONDO 3K

CONSUMPTION:
0.8-1 kg/m² in one coat

QUARTZ ***0.7÷1.2 mm***

CONSUMPTION: 1-1.2 kg/m²
THICKNESS: approx.
1 ÷ 1.5 mm

STEP 2

FLEXIROOF as it is

CONSUMPTION:
0.15 kg/m² in one coat

FLEXIROOF + AGGREGATES

CONSUMPTION: 17-18 kg/m²
THICKNESS: approx. 10 mm

TOTAL THICKNESS: approx. 11 - 12 mm

TECHNICAL SPECIFICATIONS (+23°C AND 50% RH)

· **Elongation at break** (DIN EN ISO 527)	322%
· **Elongation at break after 2000h of accelerated aging** (DIN EN ISO 527)	298%
· **Tensile strength** (DIN EN ISO 527)	25.4 N/mm²
· **Tensile strength after 2000h of accelerated aging** (DIN EN ISO 527)	25.5 N/mm²
· **Modulus of elasticity** (DIN EN ISO 527)	69.5 N/mm²
· **Foot traffic**	24H
· **Tear strength** (DIN ISO 34, method B)	56.9 N/mm
· **Gloss retention after 2000h of accelerated aging** (DIN EN ISO 4892-3, 400 MJ/m²) - DIN 67530	Good
· **Surface chalking after 2000h of accelerated aging** (DIN EN ISO 4892-3, 400 MJ/m²) - DIN EN ISO 4628-6	No chalking observed. Chalking grade 0.
· **Shore D hardness** (ASTM D 2240)	25
· **Water-vapour permeability** (EN ISO 12572)	8.05 gr/m² after 24h
· **Chemical resistance**	Good resistance to cleaners, seawater and oils.

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	+++
Chemical resistance	+++
Resistance to abrasion	++
Resistance to traffic	++
UV resistance	+++
Slip resistance	+++

Legend:

VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

SYSTEM

DURAFLOOR 4.6

SELF-LEVELLING CEMENT-POLIURETHANE FLOORING
Seamless coating with a matte smooth finish – Thickness 4 to 6 mm

DURAFLOOR 4.6 is a self-levelling polyurethane-cement-based flooring system with a smooth finish for the execution of seamless industrial coatings in heavy traffic areas exposed to important chemical attacks, impacts and frequent washing even at high temperatures. The **DURAFLOOR 4.6** system has very good properties which guarantee a long-lasting high value flooring to owners and users of the building where it is installed.

PRODUCTS USED:

· **DURAFLOOR PRIMER** · **DURAFLOOR SL** · **DURAFLOOR SG** · **DURAFLOOR F** ·

ADVANTAGES

The system has the following characteristics:

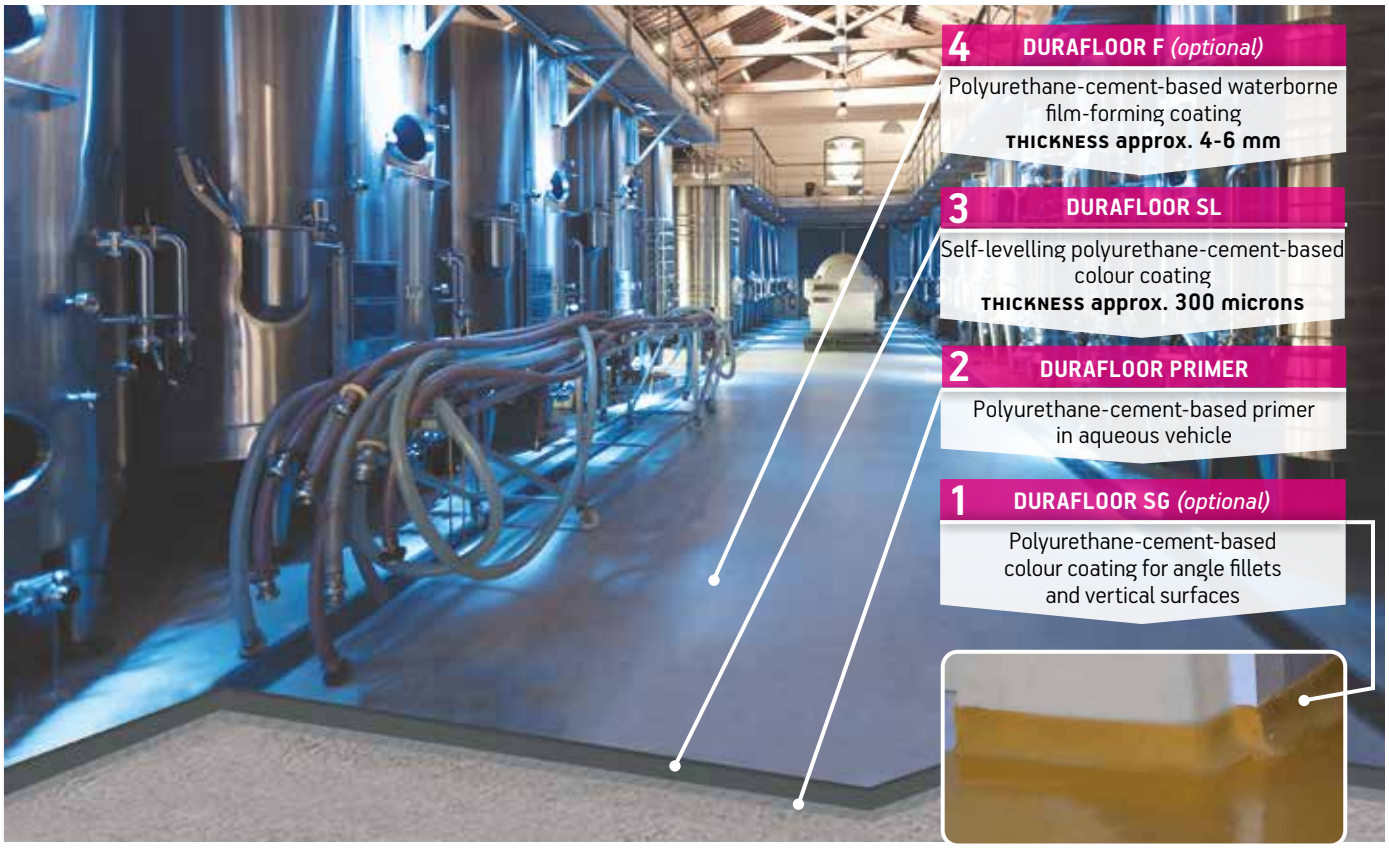
- ✓ **high resistance to heavy traffic;**
- ✓ **resistance to high temperatures;**
- ✓ **chemical resistance to acids and alkalis;**
- ✓ **waterproof;**
- ✓ **fast installation;**
- ✓ **excellent maintainability;**
- ✓ **anti-slip properties.**

IDEAL FOR

Industrial flooring in:

- ✓ **wineries, breweries, bottling plants and coffee roasting plants;**
- ✓ **pasta manufacturing plants, canning factories and beverage production plants;**
- ✓ **chemical and pharmaceutical industries, laboratories, cold stores;**
- ✓ **food production and processing industries generally subject to ISO standards**

and to Italian Legislative Decree 193/07 that enforces Regulation (EC) no. 852/2004 on the hygiene of foodstuffs (HACCP).



APPLICATION CYCLE

STEP 1

DURAFLOOR SG (OPTIONAL)

CONSUMPTION:
3.4 kg/m (angle fillets 60x100 mm - radius: approx. 50 mm)

STEP 2

DURAFLOOR PRIMER

CONSUMPTION:
approx. 0.25-0.35 kg/m^2

STEP 3

DURAFLOOR SL

CONSUMPTION:
DURAFLOOR SL4 (4 mm): 8 kg/m^2
DURAFLOOR SL6 (6 mm): 12 kg/m^2
THICKNESS: approx. 4-6 mm

STEP 4

DURAFLOOR F (OPTIONAL)

CONSUMPTION: approx. 0.15÷0.2 kg/m^2 per coat
THICKNESS: 300 µm

The yield of the application cycle is indicative and varies depending on type of substrate and environmental conditions. The values indicated herein are calculated at a temperature between +15 and +25°C, approx. 50% relative humidity, for a compact, adequately prepared substrate.

TOTAL AVERAGE THICKNESS: approx. 4 - 6 mm

TECHNICAL SPECIFICATIONS Cert. n. LF07011-07020/19

· **Capillary absorption** - permeability (UNI EN 1062-3)	0.005 kg/m^2·h$^{0.5}$	
· **Compressive strength** (UNI EN 13892-2)	Class C35 (> 35 N/mm^2)	
· **Flexural strength** (UNI EN 13892-2)	Class F10 (> 10 MPa)	
· **Flexural modulus** (UNI EN ISO 178)	2580 MPa (Class E2)	
· **Resistance to impact** (UNI EN ISO 6272)	IR > 4 (21 Nm)	
· **Wear resistance-BCA** (UNI EN 13892-4)	AR0.5 (wear <50 µm)	
· **Coefficient of linear thermal expansion** (UNI EN 1770)	4.28·10^{-5}/°C	
· **Resistance to negative water pressure** (UNI EN 8298-8)	250 kPa (2.5 bar)	
· **Water-vapour permeability** (UNI EN ISO 7783-1) - equivalent air layer thickness Sd	THK. 6mm: Sd < 11 m	
· **Bond strength to concrete** (UNI EN 13892-8)	Class B2.0 (> 2MPa)	
· **Slip/skid resistance** - Class I: wet floor test for internal surfaces: units ≥40 - Class II: dry floor test for internal surfaces: units ≥40	**(UNI EN 13036-4)**	 46 units 59 units
· **Reaction-to-fire class** (UNI EN 13501)	B_{fl}-S_1	

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	++++
Slip resistance	+++
Chemical resistance	++++
Resistance to abrasion	+++
Resistance to traffic	++++
UV resistance	+++
Cleanability	+++

Legend:
VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

SYSTEM

DURAFLOOR 6.12

ANTI-SLIP POLYURETHANE-CEMENT FLOORING
Seamless coating with a slightly rough finish - Thickness 6 to 12 mm

DURAFLOOR 6.12 is a polyurethane-cement-based flooring system with a slightly rough finish for the execution of seamless industrial coatings in heavy traffic areas exposed to important chemical attacks, impacts and frequent washing even at high temperatures. The **DURAFLOOR 6.12** system has very good properties which guarantee a long-lasting high value flooring to owners and users of the building where it is installed.

PRODUCTS USED:

· **DURAFLOOR PRIMER** · **DURAFLOOR M** · **DURAFLOOR SG** ·

ADVANTAGES

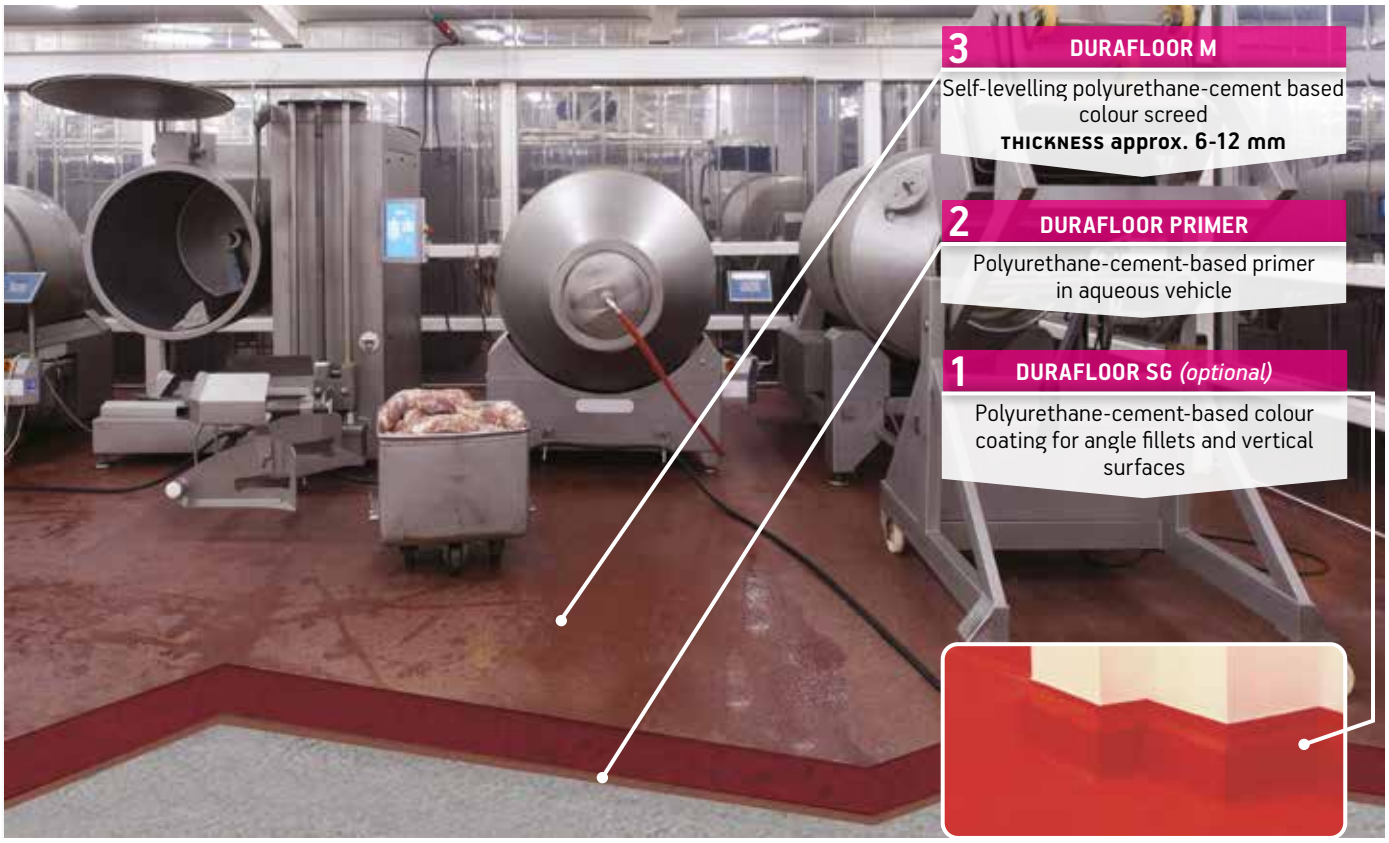
The system has the following characteristics:

- ✓ **high resistance to heavy traffic;**
- ✓ **resistance to thermal shocks (-40°C/+150°C);**
- ✓ **chemical resistance to acids and alkalis;**
- ✓ **waterproof;**
- ✓ **resistance to abrasion and impacts;**
- ✓ **excellent maintainability;**
- ✓ **very high anti-slip properties (R13).**

IDEAL FOR

Industrial flooring in:

- ✓ **slaughtering and meat processing, fish processing;**
- ✓ **dairy factories, canning factories;**
- ✓ **chemical and pharmaceutical industries, laboratories;**
- ✓ **food production and processing industries generally subject to ISO standards** and to Italian Legislative Decree 193/07 that enforces Regulation (EC) no. 852/2004 on the hygiene of foodstuffs (HACCP).

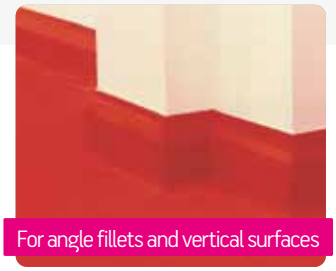


APPLICATION CYCLE

STEP 1

DURAFLOOR SG (OPTIONAL)

CONSUMPTION:
3.4 kg/m (angle fillets 60x100 mm - radius: approx. 50 mm)



STEP 2

DURAFLOOR PRIMER

CONSUMPTION:
approx. 0.25-0.35 kg/m^2

STEP 3

DURAFLOOR M

CONSUMPTION:
DURAFLOOR M6 (6 mm): 12 kg/m^2
DURAFLOOR M9 (9 mm): 18 kg/m^2
DURAFLOOR M12 (12 mm): 24 kg/m^2
THICKNESS: 6 ÷ 12 mm

The yield of the application cycle is indicative and varies depending on type of substrate and environmental conditions. The values indicated herein are calculated at a temperature between +15 and +25°C, approx. 50% relative humidity, for a compact, adequately prepared substrate.

TOTAL AVERAGE THICKNESS: approx. 6-12 mm

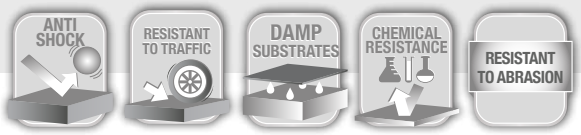
TECHNICAL SPECIFICATIONS (23°C - 50% RH)

· **Compressive strength** (ASTM D695)	59 ÷ 62 N/mm^2
· **Tensile strength** (ASTM D638)	6.5 ÷ 15 N/mm^2
· **Flexural strength** (ASTM D638)	40 ÷ 35 N/mm^2
· **Modulus of elasticity** (ASTM C 579-83)	1350 ÷ 1530 N/mm^2
· **Shear strength**	51 ÷ 55 N/mm^3
· **Density** (ASTM C 905)	2.08 g/dm^2
· **Breathability**	20 g/m^2/mm/24h (9 mm)
· **Coeff. of thermal expansion** (ASTM C 531)	2.1 x 10^{-5}/°C
· **Water absorption**	0 ml
· **Bacterial growth**	None
· **Thermal conductivity** (BS 874)	1.2 W/m/°C
· **Operating temperature**	-40°C + 120°C (9mm)

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	++++
Slip resistance	++++
Chemical resistance	++++
Resistance to abrasion	++++
Resistance to traffic	++++
UV resistance	+++
Cleanability	+++

Legend:
VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +



SYSTEM

MODULARE EPOMALT

MODULAR SYSTEM FOR COATING AND REPAIRING DETERIORATED INDUSTRIAL FLOORING FOR INDOOR AND OUTDOOR APPLICATIONS

MODULARE EPOMALT is an epoxy-cement matrix system for quick-repairing and coating of concrete floors both internally and externally, which are subject to wear, delamination and collapse. The latest-generation epoxy-cement formula assures an excellent cost-performance ratio and an extremely quick installation. **MODULARE EPOMALT** tolerates damp substrates, is very resistant to heavy traffic and de-icing salts, has fine flexibility properties that make it suitable for micro-cracked surfaces and can withstand thermal expansion.

PRODUCTS USED:

· **EPOMALT FAST 50** · **EPOMALT FAST 100** · **WEPOX FINITURA** ·

ADVANTAGES

The system has the following characteristics:

- ✓ **ideal also for outdoor application;**
- ✓ **resistant to heavy traffic and freeze-thaw cycles;**
- ✓ **waterproof and breathable, it can withstand damp substrates;**
- ✓ **high resistance to environmental attack and de-icing salts;**
- ✓ **excellent cost-performance ratio and quick installation.**

IDEAL FOR

Restoring and coating industrial flooring exposed to moderate-heavy traffic, e.g.:

- ✓ **restoration of external and internal flooring exposed to delamination and wear;**
- ✓ **workshops, assembly areas, mechanical industries exposed to impacts and heavy traffic loads;**
- ✓ **coating and repair of garages, pavements and parking lots;**
- ✓ **processing areas, food industries, dairy factories, wineries.**

APPLICATION CYCLE

WORN OUT INDOOR WAREHOUSE

STEP 1

EPOMALT FAST 50

Two-component epoxy-cement resin for quick-repairing and coating of concrete flooring.

CONSUMPTION: 1.2 kg/m² in two coats
THICKNESS: approx. 0.5 ÷ 0.9 mm

STEP 2

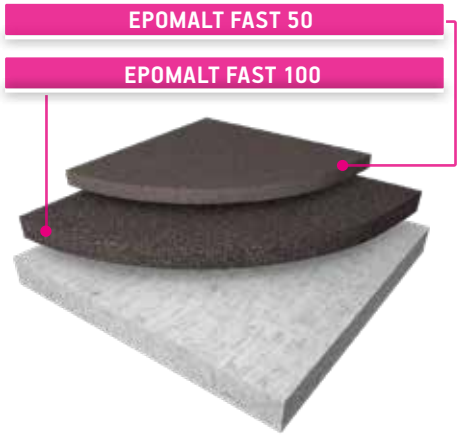
WEPOX FINITURA

Clear two-component epoxy resin in aqueous emulsion for protective anti-dust treatments.

CONSUMPTION: 20 ÷ 40 g/m² per coat
THICKNESS: 0.1 mm

TOTAL AVERAGE THICKNESS:
approx. 0.6 ÷ approx. 1 mm

EXTREMELY WORN OUT INDOOR WAREHOUSE



STEP 1

EPOMALT FAST 100

Two-component epoxy-cement resin for quick-repairing and coating of concrete flooring.

CONSUMPTION: 1÷2 kg/m² in one coat
THICKNESS: approx. 0.6 ÷ 1.2 mm

STEP 2

EPOMALT FAST 50

Two-component epoxy-cement skimming resin for quick-repairing and coating of concrete flooring.

CONSUMPTION: 1.2 kg/m² in two coats
THICKNESS: approx. 0.5 ÷ 0.9 mm

TOTAL AVERAGE THICKNESS:
approx. 1 ÷ 2 mm

DELAMINATED OUTDOOR YARD

EPOMALT FAST 100

Two-component epoxy-cement resin for quick-repairing and coating of concrete flooring.

CONSUMPTION: 2÷3.5 kg m² in two coats
THICKNESS: approx. 1.8 ÷ 3 mm

TOTAL AVERAGE THICKNESS:
approx. 1.8 ÷ 3 mm

The yield of the application cycle is indicative and varies depending on type of substrate and environmental conditions. The values indicated herein are calculated at a temperature between +15 and +25°C, approx. 50% relative humidity, for a compact, adequately prepared substrate.

SYSTEM

DRACOBIT

LOW-THICKNESS SYSTEM FOR LAYING SEMI-FLEXIBLE BITUMINOUS-CEMENT PAVEMENTS

The bituminous-cement pavements made with the **DRACOBIT SYSTEM** combine the flexibility of a bituminous surface with the high mechanical strength of cement mortar. This type of paving has an excellent resistance to static and dynamic loads and does not change even in the presence of temperature changes between -50°C and +90°C.
The flooring strength is further increased by the lack of joints (which are potential causes of deterioration), thus eliminating the most common source of flooring degradation. Despite being thin, the floor is resistant to static and dynamic loads, traffic, and due to the lack of joints, to de-icing salts and the attack of environmental and atmospheric agents.

ADVANTAGES

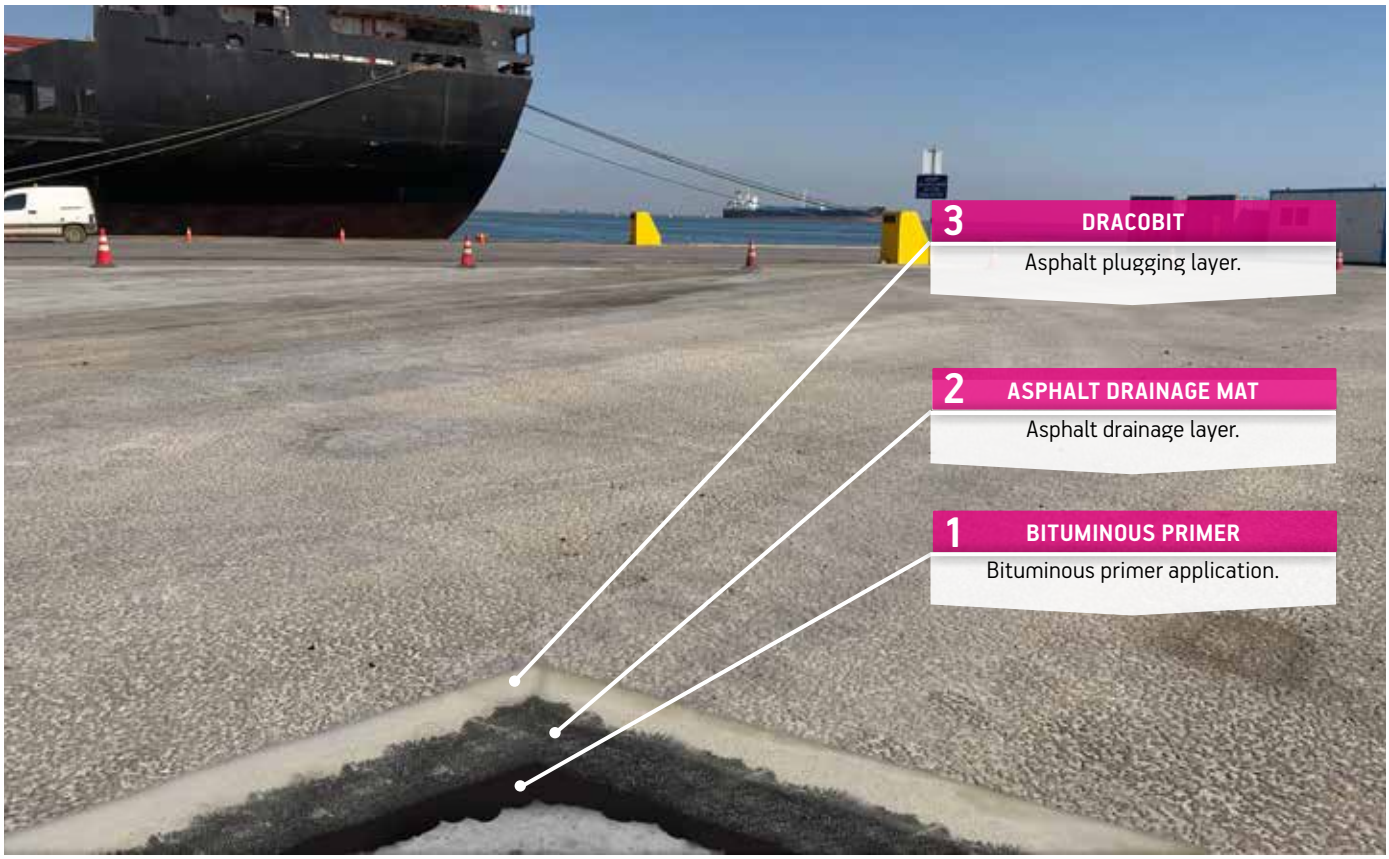
The system has the following characteristics:

- ✓ **lack of joints and maximum durability;**
- ✓ **flexibility and resistance to heavy traffic loads;**
- ✓ **quick execution, accessible after 48 hours;**
- ✓ **resistant to freeze-thaw cycles;**
- ✓ **low thickness, excellent cost-performance ratio;**
- ✓ **sound absorbing, acoustic comfort.**

IDEAL FOR

DRACOBIT is ideal for installing new semi-flexible bituminous-cement flooring or restoring old deteriorated flooring of:

- ✓ **logistics centres and areas subject to heavy traffic and heavy-vehicle transit (parking lots, rest areas, harbours, airport aprons, motorway toll booths...);**
- ✓ **areas exposed to frequent washing and freeze-thaw cycles;**
- ✓ **highly critical and not easily accessible areas (e.g. tunnels and motorway junctions).**



APPLICATION CYCLE

STEP 1
BITUMINOUS PRIMER

STEP 2
ASPHALT DRAINAGE MAT

THICKNESS:
3 ÷ 6 cm

STEP 3
DRACOBIT

CONSUMPTION:
6 ÷ 6.4 L of water
every 20 kg bag

STEP 4 OPTIONAL
SURFACE FINISH

TOTAL THICKNESS: approx. 4 ÷ 6 cm

TECHNICAL SPECIFICATIONS (+23°C - 50% RH)

· **Plastic density**	1955 kg/m³
· **Hardened density**	48 hours: 1910 kg/m³ 7 days: 1953 kg/m³ 28 days: 1958 kg/m³
· **Flexural strength** (UNI EN 196)	48 hours: 2.6 MPa 7 days: 4.8 MPa 28 days: 5.5 MPa
· **Compressive strength**	48 hours: 9.4 MPa 7 days: 27.1 MPa 28 days: 34.6 MPa
· **Dynamic modulus of elasticity of a flexible paving made with DRACOBIT**	mean value as according to UNI EN 12697-26: 10843.16 MPa
· **Compressive strength**	48 hours: 9.4 MPa 7 days: 27.1 MPa 28 days: 34.6 MPa
· **Accessible to foot traffic**	36 hours
· **Accessible to vehicular traffic**	48 hours

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	+++
Slip resistance	++
Chemical resistance	+++
Resistance to abrasion	+++
Resistance to traffic	++++
UV resistance	+++

Legend:

VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

SYSTEM

DRACOFLOOR *PLAY*

RESIN FLOORING SYSTEM FOR OUTDOOR PLAYGROUNDS, SPORTS AND RECREATIONAL AREAS

DRACOFLOOR PLAY is a system based on polyurethane resins to be used with SBR and EPDM granules for the construction of flooring in playgrounds, sports and leisure areas, including outdoor. Flooring made with **DRACOFLOOR PLAY** exhibits high shock absorption, flexibility and resistance to wear and cracking, as well as excellent chemical and UV resistance.

PRODUCTS USED:

· **DRACOFLOOR PLAY PRIMER C** · **DRACOFLOOR PLAY BINDER** · **SBR | EPDM GRANULES** ·

ADVANTAGES

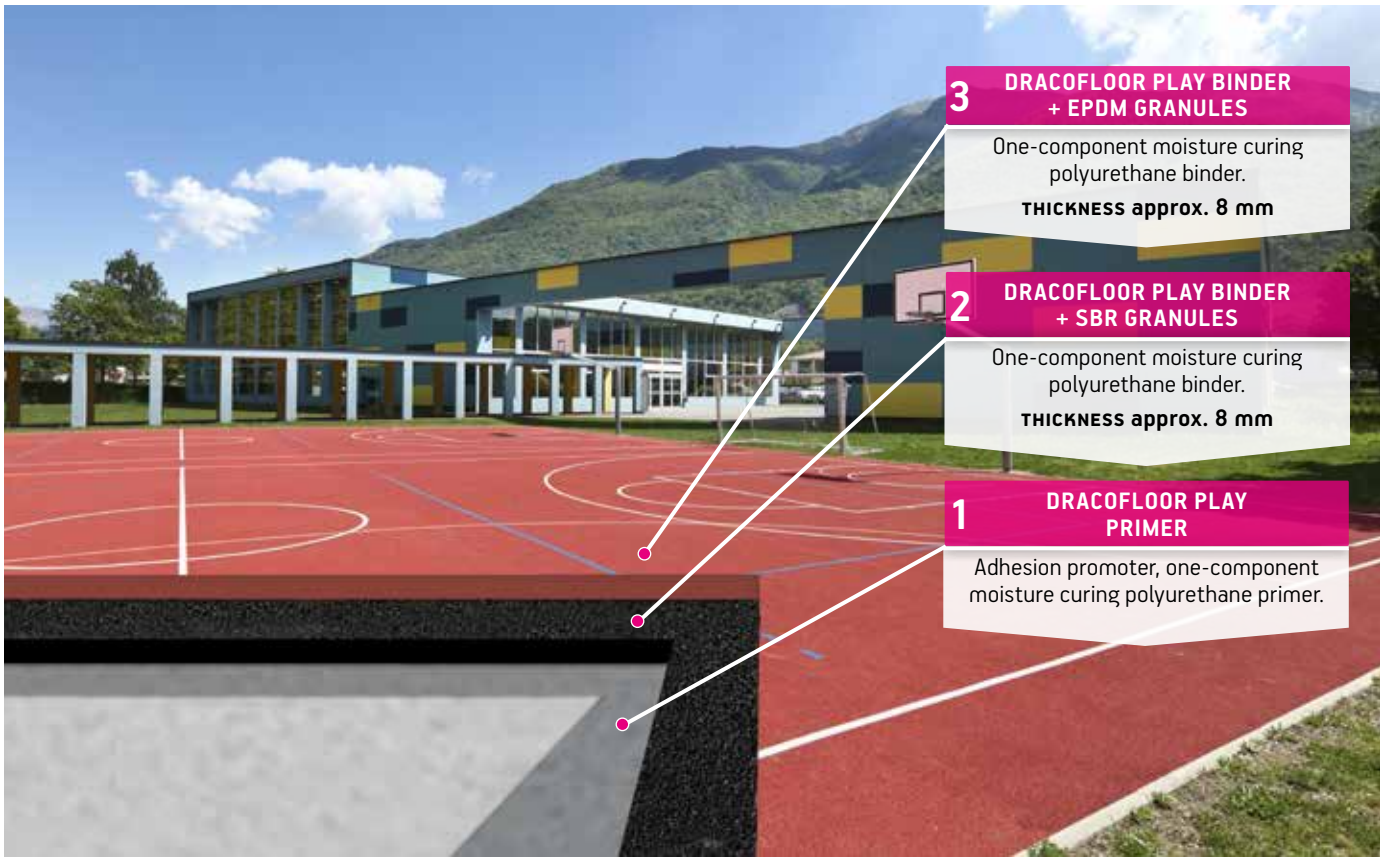
The system has the following characteristics:

- ✓ **seamless jointless coating;**
- ✓ **high shock absorption;**
- ✓ **high noise dampening;**
- ✓ **excellent resistance to abrasion and wear;**
- ✓ **high flexibility and resistance to cracking;**
- ✓ **resistance to freeze-thaw cycles, weathering and UV rays.**

IDEAL FOR

Sports flooring, for both training and competition:

- ✓ **schools and sports centres;**
- ✓ **playgrounds;**
- ✓ **indoor and outdoor recreational and sports facilities.**



APPLICATION CYCLE

STEP 1

DRACOFLOOR PLAY PRIMER C

CONSUMPTION:
0.15 - 0.25 kg/m²

It can be applied on asphalt substrates after application of primer DRACOFLOOR PLAY PRIMER A at a rate of approx. 0.3 kg/m².

STEP 2

DRACOFLOOR PLAY BINDER + *SBR GRANULES (1 - 3 mm)*

CONSUMPTION:
DRACOFLOOR PLAY BINDER:
approx. 1.1 kg/m²
SBR GRANULES:
approx. 5.5 kg/m²

THICKNESS: approx. 8 mm

STEP 3

DRACOFLOOR PLAY BINDER + *EPDM GRANULES (1 - 3.5 mm)*

CONSUMPTION:
DRACOFLOOR PLAY BINDER:
approx. 1.5 kg/m²
EPDM GRANULES:
approx. 7.7 kg/m²

THICKNESS: approx. 8 mm

TOTAL AVERAGE THICKNESS: approx. 16 mm

AVAILABLE COLOURS *Other colours on request*

SPORTS LIGHT BLUE | GREEN | RED | GREY

TECHNICAL SPECIFICATIONS - EN 14877

· **Force reduction at 23°C**	*≥ 25%*	39%
· **Vertical deformation at 23°C**	*≤ 3 mm*	1.3 mm
· **Friction** (dry surface)	*80-110*	89
· **Wear resistance**	*≤ 4.0 g*	1.3 mm
· **Permeability to water**	*≤ 150 mm/h*	12'800 mm/h
· **Tensile strength**	*≥ 0.4 MPa*	0.6 MPa
	(cured)	0.5 MPa
· **Elongation at break**	*≥ 40%*	57%
	(cured)	56%

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	+++
Slip resistance	++
Chemical resistance	++
Resistance to abrasion	++
Resistance to traffic	++

Legend:

VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

SYSTEM

DRACOFLOOR *SAFE PLAY*

ANTI-SHOCK RESIN FLOORING SYSTEM FOR PLAYGROUNDS

DRACOFLOOR SAFE PLAY is a polyurethane resin-based system to be used with SBR and EPDM granules for the construction of flooring in playgrounds and recreational areas, even outdoor. Floors made with **DRACOFLOOR SAFE PLAY** comply with EN 1177 (playground surfacing) that establishes the requirements for impact attenuating playground surfacing. Floors made with **DRACOFLOOR SAFE PLAY** are safe, non-toxic and contribute to remove architectural barriers.

PRODUCTS USED:

· **DRACOFLOOR SAFE PLAY PRIMER C** · **DRACOFLOOR SAFE PLAY BINDER** · **SBR | EPDM GRANULES** ·

ADVANTAGES

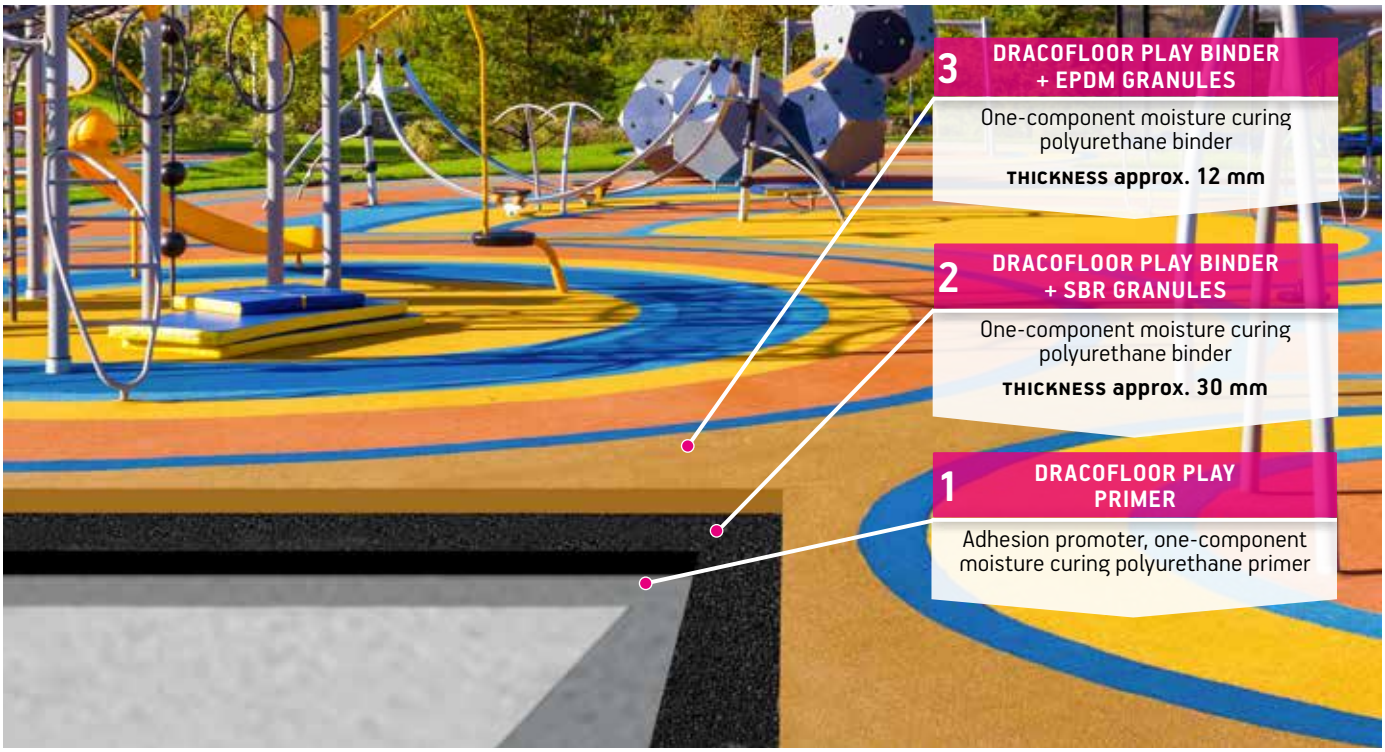
The flooring has the following features:

- ✓ **type-approved and certified anti-shock surfaces;**
- ✓ **washable, non toxic seamless coating;**
- ✓ **shock-absorbing**
- ✓ **impact and noise attenuation;**
- ✓ **resistance to wear and abrasion;**
- ✓ **flexibility and resistance to cracking;**
- ✓ **resistance to freeze-thaw cycles and UV rays;**
- ✓ **low environmental impact;**
- ✓ **wheelchair-friendly flooring.**

IDEAL FOR

Multicoat anti-shock flooring for:

- ✓ **playgrounds;**
- ✓ **areas for kids like schools, nursery schools, play areas, parks;**
- ✓ **outdoor and indoor entertainment areas for kids and families.**



APPLICATION CYCLE

STEP 1

DRACOFLOOR SAFE PLAY PRIMER C

CONSUMPTION:
0.15 - 0.25 kg/m²

It can be applied on asphalt substrate after application of primer DRACOFLOOR PLAY PRIMER A at a rate of approx. 0.3 kg/m²

STEP 2

DRACOFLOOR SAFE PLAY BINDER + *SBR GRANULES (1-3 mm)*

CONSUMPTION:
DRACOFLOOR SAFE PLAY BINDER: approx. 2.4 kg/m²
SBR GRANULES: approx. 19.5 kg/m²
THICKNESS: 30 mm

STEP 3

DRACOFLOOR SAFE PLAY BINDER + *EPDM GRANULES (1-3.5 mm)*

CONSUMPTION:
DRACOFLOOR SAFE PLAY BINDER: approx. 2.3 kg/m²
EPDM GRANULES: approx. 11.5 kg/m²
THICKNESS: 12 mm

TOTAL AVERAGE THICKNESS: approx. 42 mm

AVAILABLE COLOURS *Other colours upon request*

LIGHT BLUE | GREEN | ORANGE | VIOLET

TECHNICAL SPECIFICATIONS - EN 14877

· **Force reduction at 23°C**	*≥ 25%*	39%
· **Vertical deformation at 23°C**	*≤ 3 mm*	1.3 mm
· **Friction** dry surface	*80-110*	89
· **Wear resistance**	*≤ 4.0 g*	1.3 mm
· **Permeability to water**	*≤ 150 mm/h*	12'800 mm/h
· **Tensile strength**	*≥ 0.4 MPa*	0.6 MPa
	(cured)	0.5 MPa
· **Elongation at break**	*≥ 40%*	57%
	(cured)	56%
· **Critical fall height**	*UNI EN 1177*	1.5 mm

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	+++
Slip resistance	++
Chemical resistance	++
Resistance to abrasion	++
Resistance to traffic	++

Legend:
VERY HIGH ++++ HIGH +++ MODERATE ++ MODER.-LOW +

RESISTANT TO IMPACTS · NOISE ATTENUATING · CHEMICAL RESISTANCE · RESISTANT TO ABRASION

SYSTEM

DRACOFLOOR *GYMNASIUM*

NOISE ATTENUATING ELASTIC FLOORING FOR GYMS, SPORTS FACILITIES, SCHOOLS, INDOOR MULTIPURPOSE PREMISES

DRACOFLOOR GYMNASIUM is an elastic flooring system for gyms, sports facilities, leisure areas and indoor sports centres. Highly flexible, shock-resistant and noise attenuating, **DRACOFLOOR GYMNASIUM** is ideal in schools, multipurpose areas and even confined spaces. **DRACOFLOOR GYMNASIUM** can also be used to renovate existing flooring.

PRODUCTS USED:

· **DRACOFLOOR GYM: PRIMER** · **SOFT LAYER** · **SL COAT** · **TOP COAT** ·

ADVANTAGES

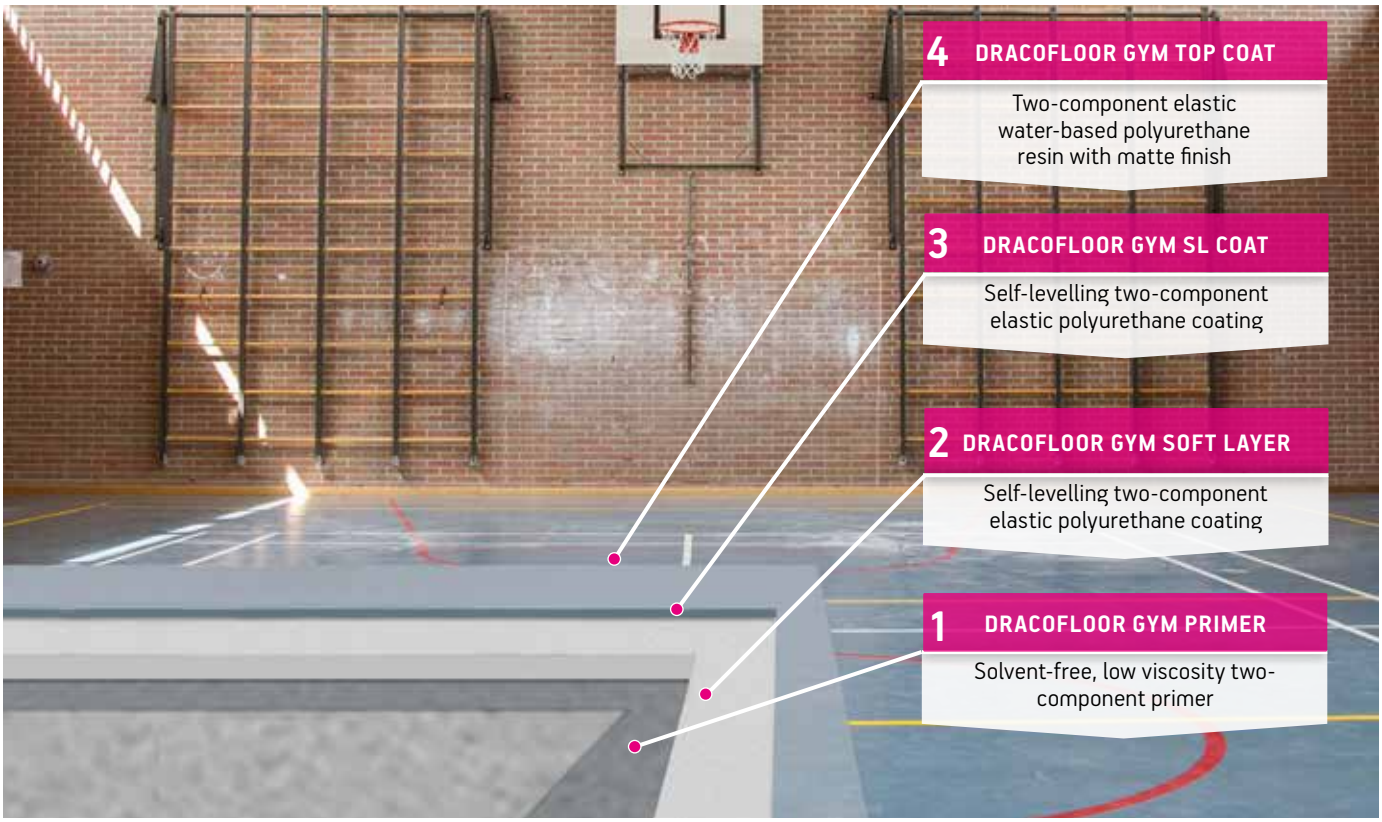
Advantages vs. linoleum or PVC flooring:

- ✓ **jointless:** improved hygiene and cleanness that prevent the proliferation of bacteria and moulds;
- ✓ **high shock absorption:** reduces the harm of falls;
- ✓ **noise attenuation;**
- ✓ **flexible and resistant to cracking:** excellent elastic return does not cause cracking, unlike linoleum;
- ✓ **resistant to chemical attack and wear.**

IDEAL FOR

Elastic sports flooring for:

- ✓ **gyms, sports facilities and schools;**
- ✓ **basketball, volleyball, five-a-side football etc;**
- ✓ **sports arenas, multipurpose rooms and indoor multipurpose leisure areas.**



APPLICATION CYCLE

STEP 1

DRACOFLOOR GYM PRIMER

CONSUMPTION:
0.5 kg/m² in one coat

STEP 2

DRACOFLOOR GYM SOFT LAYER

CONSUMPTION: approx. 3 kg
THICKNESS: approx. 4 mm

STEP 3

DRACOFLOOR GYM SL COAT

CONSUMPTION:
approx. 2.6 ÷ 3.9 kg/m²
THICKNESS: 2 ÷ 3 mm

STEP 4

DRACOFLOOR GYM TOP COAT

CONSUMPTION:
0.13 ÷ 0.15 kg/m²
in one coat

TOTAL AVERAGE THICKNESS: approx. 6 ÷ 7 mm

AVAILABLE COLOURS *Other colours on request*

LIGHT BLUE | GREEN | OCHRE | GREY | BRICK RED

TECHNICAL SPECIFICATIONS - EN 14904

· Shock absorption	*25 - 75%*	26% (P1)
· Vertical deformation	*≤ 5 mm*	0.5 mm
· Resistance to rolling load with load >1500 N	*≥ 1500 N*	1500 N
· Vertical ball behaviour - bounce height	*> 90%*	99%
· Wear resistance	*max. 80mg*	20 mg
· Friction: pendulum test	*80-100*	95
· Resistance to impact	*≥ 8*	19
· Resistance to rolling load - residual impression	*≤ 0.5 mm*	0.1 mm

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	++
Slip resistance	+++
Chemical resistance	+++
Resistance to abrasion	++
Resistance to traffic	+

Legend:
VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

SYSTEM

DRACOFLOOR *COMFORT PU*

POLYURETHANE RESIN FLOORING SYSTEM FOR OFFICES, HOSPITALS, SCHOOLS AND COMMUNITY SECTOR

DRACOFLOOR *COMFORT PU* is a self-levelling polyurethane system with matt-finish for indoor flooring which is resistant, hygienic and slip-resistant. **DRACOFLOOR *COMFORT PU*** is ideal for flooring in public, commercial and residential areas like schools, stores, offices, hospitals, libraries and indoor spaces in general, where noise and shock absorption are required.

PRODUCTS USED:

· **DRACOFLOOR COMFORT PU: PRIMER · SL COAT · TOP COAT** ·

ADVANTAGES

The system has the following characteristics:

- ✓ **high UV resistance and colour stability;**
- ✓ **low VOC emissions;**
- ✓ **reduction of impact and noise by foot traffic (2-3 dB);**
- ✓ **slip resistance (R9-R11);**
- ✓ **hygienic jointless easy-to-clean surfaces;**
- ✓ **bacteriostatic top coat: it inhibits the growth of bacteria;**
- ✓ **resistance to cracking;**
- ✓ **reaction to fire class B_{fl}-s1.**

IDEAL FOR

Flooring of community spaces, namely:

- ✓ **schools, universities, libraries;**
- ✓ **hospitals, doctor's offices, nursing homes;**
- ✓ **offices and public buildings in general, stores, restaurants, canteens;**
- ✓ **exhibition areas; commercial and residential sectors.**

APPLICATION CYCLE

STEP 1

DRACOFLOOR COMFORT PU PRIMER

CONSUMPTION:
0.3 - 0.5 kg/m²

STEP 2

DRACOFLOOR COMFORT PU SL COAT

CONSUMPTION:
2.8 - 3.5 kg/m²

THICKNESS: 2-3 mm

STEP 3

DRACOFLOOR COMFORT PU TOP COAT

CONSUMPTION: 0.10 kg/m²

THICKNESS: approx. 0.1 mm

TOTAL AVERAGE THICKNESS: approx. 2-3 mm

AVAILABLE COLOURS *Other colours on request*

WHITE | LIGHT GREY | GREY | IVORY | KHAKI

TECHNICAL SPECIFICATIONS

· **Static crack-bridging ability** (EN 1062-7)	Class A4 > 1.25 (< 2.3 mm at 23°C)
· **Elongation at break** (DIN 53504)	approx.150 %
· **Tear resistance** (DIN 53515)	approx.15 N/mm²
· **Shore hardness** (DIN ISO 868)	80 A after 28 days
· **Impact sound insulation** (ISO 10140-1)	approx. 2-3 dB
· **Resistance to impact** (EN 13813)	≥ 6 Nm (IR6)
· **Resistance to wear** (Taber test) - ISO 9352. ASTM D 1044	≤ 15 mg (incl. top coat)
· **Resistance to wear** (BCA) (EN 13813)	AR ≤ 0.5
· **Slip resistance** - DGUV RULE 108-003 / DIN 51130	Class R9 / R10 / R11
· **Adhesion** (DIN ISO 4624)	≥ 1.5 N/mm²
· **Reaction to fire** (EN 13501-1)	B_{fl}-s1

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	++
Slip resistance	++
Chemical resistance	+++
Resistance to abrasion	++
Resistance to traffic	++

Legend:

VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

RESISTANT TO TRAFFIC · SLIP RESISTANCE · CHEMICAL RESISTANCE · RESISTANT TO ABRASION

SYSTEM

DRACOFLOOR *PARKING*

SEAMLESS FLEXIBLE RESIN FLOORING SYSTEM FOR PARKING STRUCTURES AND EXTERNAL SURFACES ACCESSIBLE TO VEHICLES

DRACOFLOOR PARKING is a seamless elastomeric polyurethane resin flooring system for flexible and waterproofing coating of parking structures and surfaces accessible to vehicles. The flooring is suitable for vehicular traffic; it is resistant to dynamic stresses and cracking, impacts and chemical attack. It contains selected quartz aggregates that make the coating slip-resistant.

PRODUCTS USED:

· **DRACOPARKING P** + QUARTZ 0.4÷0.7 mm · **DRACOPARKING M** + QUARTZ 0.7÷1.2 mm · **DRACOPARKING F** ·

ADVANTAGES

The system has the following characteristics:

- ✓ **resistant to freeze-thaw cycles and sudden temperature changes;**
- ✓ **excellent resistance to abrasion and wear;**
- ✓ **toughness, flexibility and high crack bridging ability;**
- ✓ **excellent resistance to traffic and impacts;**
- ✓ **slip resistance/UV stable;**
- ✓ **resistant to aggressive substances like fuels, oils and solvents.**

IDEAL FOR

Coating of floors, including external surfaces subject to traffic such as:

- ✓ **parking lots, including external parking structures;**
- ✓ **rest areas, ramps and multi-storey car parks;**
- ✓ **surfaces subject to pedestrian and vehicular traffic;**
- ✓ **protection for car parks and roofing.**

APPLICATION CYCLE

STEP 1

DRACOPARKING P + QUARTZ 0.4-0.7 mm

CONSUMPTION:
0.4 kg/m² in one coat
QUARTZ 0.4÷0.7 mm: 2 kg/m²
THICKNESS: approx. 1 mm

STEP 2

DRACOPARKING M + QUARTZ 0.7-1.2 mm

CONSUMPTION:
2.5 kg/m² in two coats
QUARTZ 0.7÷1.2 mm: 3 kg/m²
THICKNESS: approx. 3 mm

STEP 3

DRACOPARKING F

CONSUMPTION:
0.9 kg/m² in one coat
THICKNESS: approx. 0.5 mm

TOTAL THICKNESS: approx. 4.5 mm

AVAILABLE COLOURS *Other colours on request*

ORANGE	VIOLET	GREY	RED
BLUE	BLACK	YELLOW	SAGE GREEN
LIGHT BLUE	LIGHT GREY	BRICK RED	GREEN

TECHNICAL SPECIFICATIONS - UNI EN 1504-2

· Abrasion resistance	weight loss < 3000 mg
· Permeability to carbon dioxide	S_D > 50 m
· Permeability to water-vapour	class III
· Capillary absorption and permeability to water	w < 0.1 kg/m² x $h^{0.5}$
· Adhesion after thermal cycling	≥ 1.5 (1.0) (1) N/mm²
· Thermal shock resistance	≥ 1.5 (1.0) (1) N/mm²
· Chemical resistance	Meets specification
· Crack bridging ability	B 4.2 (-10°C)
· Impact resistance	class III
· Tensile strength (pull-off test)	≥ 1.5 (1.0) (1) N/mm²
· Impact resistance	class B_{FL} – s1
· Slip resistance	class III

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	+++
Slip resistance	+++
Chemical resistance	+++
Resistance to abrasion	+++
Resistance to traffic	++++

Legend:

VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

RESISTANT TO TRAFFIC | U.V. | CHEMICAL RESISTANCE | RESISTANT TO ABRASION

SYSTEM

DRACOFLOOR *MULTISPORT*

MULTICOAT RESIN FLOORING SYSTEM FOR SKATING AND HOCKEY RINKS AND INDOOR OR OUTDOOR MULTISPORT FACILITIES

DRACOFLOOR MULTISPORT is a multicoat system consisting of water-based acrylic and synthetic resins bound by a specially designed mix of aggregates of various dimensions. It is ideal for rinks for inline speed skating and artistic roller skating even at a competitive level. **DRACOFLOOR MULTISPORT** floor gives users the right grip and smooth roll.

PRODUCTS USED:

· **DRACOSPORT P** · **DRACOSPORT R** ·

ADVANTAGES

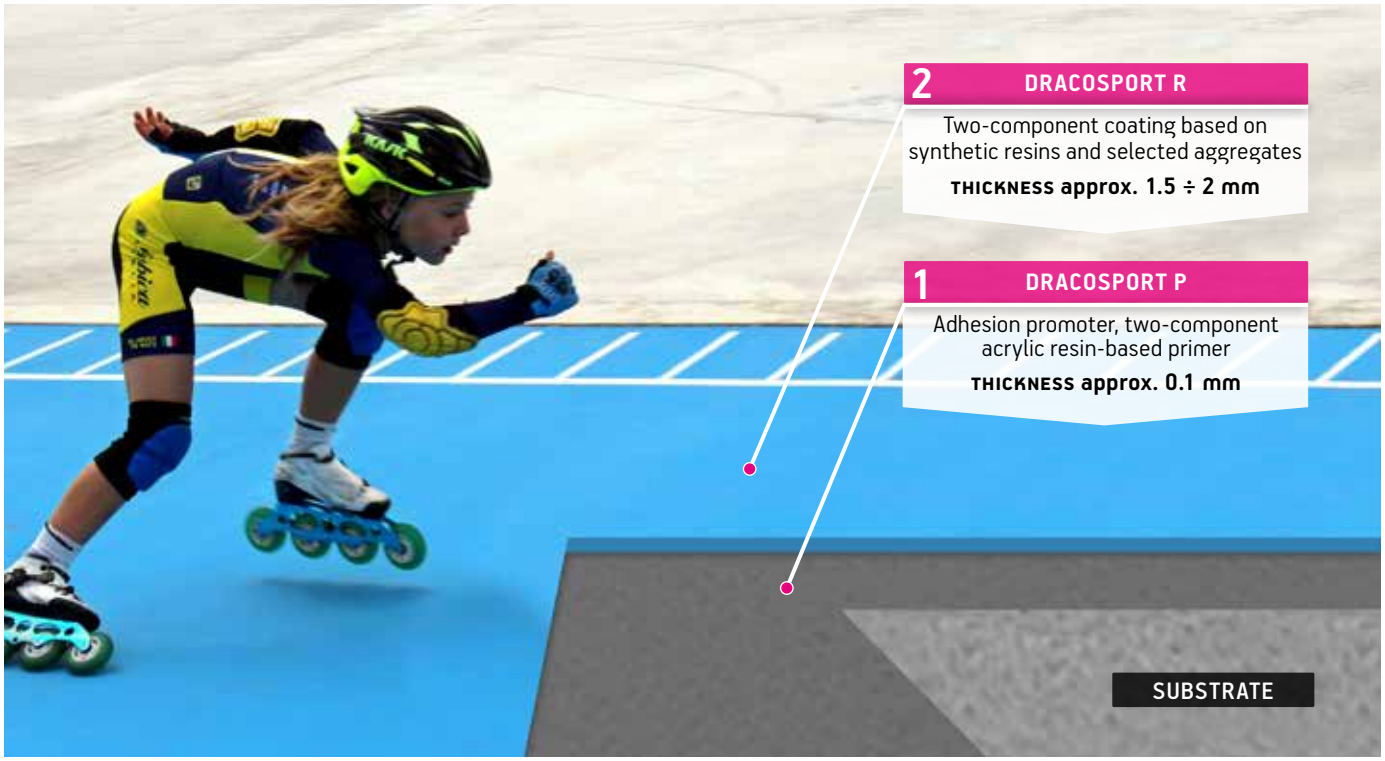
The system has the following characteristics:

- ✓ **seamless jointless coating;**
- ✓ **smooth roll and high grip;**
- ✓ **excellent resistance to abrasion, wear and impact;**
- ✓ **high flexibility and resistance to cracking;**
- ✓ **resistance to freeze-thaw cycles, weathering and UV rays.**

IDEAL FOR

Sports flooring, for both training and competition:

- ✓ **inline speed skating;**
- ✓ **artistic roller skating, skating, hockey, running;**
- ✓ **indoor and outdoor recreational and sports activities.**



APPLICATION CYCLE

STEP 1

DRACOSPORT P

CONSUMPTION:
0.3 kg/m² in one coat

THICKNESS:
approx. 0.1 mm

STEP 2

DRACOSPORT R

CONSUMPTION:
2 kg/m² in two coats

THICKNESS:
approx. 1.5-2 mm

TOTAL AVERAGE THICKNESS: approx. 1.5-2 mm

AVAILABLE COLOURS *Other colours on request*

SPORTS LIGHT BLUE | GREEN | RED | GREY

SYSTEM'S PERFORMANCE CHARACTERISTICS

Resistance to impact	++
Slip resistance	++
Chemical resistance	++
Resistance to abrasion	++
Resistance to traffic	+

Legend:

VERY HIGH ++++ HIGH +++ MODERATE ++ MOD.-LOW +

REFERENCES

1. **Unipol Arena | Bologna, Italy**
   Flooring made with DURCROM 50.
2. **Imola Ceramica showroom | Imola, Bologna, Italy**
   Regeneration of industrial warehouse by installing an architectural concrete flooring with dry shake topping.
3. **Linate Airport | Milan, Italy**
   Sealing of contraction joints of the airport pavement with EPOJOINT epoxy polyurethane resin.
4. **Poderi dal Nespoli winery | Cusercoli, Forlì-Cesena, Italy**
   Coating of indoor flooring with WEPOX COLOR epoxy resin in chemically-resistant aqueous emulsion.
5. **MAGNETI MARELLI factory | Crevalcore, Bologna, Italy**
   Coating of the factory's indoor flooring with WEPOX COLOR epoxy resin.
6. **Via Cesare Battisti | Cesena, Italy**
   Restoration of the existing road surface with bituminous-cement flooring made using the DRACOBIT system (smooth effect).
7. **CASH and CARRY (ARCA MARR Group) | Ravenna, Italy**
   Post-tensioned industrial flooring with CORINPLATE premixed dry shake and treatment with PAVILITIUM lithium silicate densifier.
8. **ARCHDESIGN Studio | Cesena, Italy**
   Architectural concrete flooring of studio and offices with QUARZPLATE dry shake floor hardener.
9. **Milan Expo 2015 Poland Pavilion | Milan, Italy**
   Seamless coating of the concrete access ramp with EPOMALT FAST 50 epoxy-cement resin.
10. **Falkensteiner Hotel | Jesolo, Venice, Italy**
    Coating of floors in kitchens, restrooms, equipment rooms and refreshment areas with high chemical resistance self-levelling epoxy-cement system.
11. **Julian Fashion | Milano Marittima, Ravenna, Italy**
    Coating of existing flooring with DRACOFLOOR MD high chemical resistance resin.
12. **Pedestrian-cycle overpass - New Lambrate junction - Milan East Ring Road | Milan, Italy**
    Coating and anti-slip finish of the pedestrian-cycle overpass with EPOMALT cement-epoxy skim mortar and DRACOLOR methacrylic resin coating.
13. **Padua Freight Terminal | Padua, Italy**
    Restoration of the container area access zone with semi-flexible bituminous-cement flooring made with DRACOBIT system, which is best suited to absorbing stress and strain.
14. **Port of Thessaloniki | Greece**
    Paving of the external container handling area subject to high traffic. A prestigious project for one of DRACO's most successful products: the DRACOBIT system.
15. **Bologna Gomme - Tyres and Mechanics | Villanova, Bologna, Italy**
    Covering of the existing flooring of the workshop with DRACOFLOOR MD thick resin coating.
16. **Mazapegul brewery | Civitella, Forlì-Cesena, Italy**
    Interior floor covering in the production area made with the thick layer resin system DRACOFLOOR MD.
17. **Playground | Budapest, Hungary**
    Playground surfacing made with the anti-shock resin flooring system DRACOFLOOR SAFE PLAY.
18. **Playground | Budapest, Hungary**
    Playground surfacing made with the anti-shock resin flooring system DRACOFLOOR SAFE PLAY.
19. **Multipurpose centre | Debrecen, Hungary**
    Basketball court and running track flooring made with DRACOFLOOR PLAY resin flooring system specially designed for sports areas.
20. **Fitness centre | Schwetzingen, Germany**
    Flooring in the workout and fitness areas made with DRACOFLOOR PLAY resin flooring system specially designed for sports areas.
21. **Sports arena | Sokol - Olšany, Czech Republic**
    Indoor floor made with DRACOFLOOR GYMNASIUM, the elastic, noise attenuating system for gyms, sports facilities and multipurpose centres.
22. **Kanner Campus | Luxembourg**
    Flooring of classrooms and common spaces made with DRACOFLOOR COMFORT PU, the polyurethane flooring system for offices, hospitals, schools and third sector.
23. **Sports centre | Rafz, Switzerland**
    Entrance floors made with DRACOFLOOR COMFORT PU, the polyurethane flooring system for offices, hospitals, schools and third sector.
24. **New city park | Palma Campania, Naples, Italy**
    Playground surfacing made with anti-shock resin flooring system DRACOFLOOR SAFE PLAY.

Unipol Arena | Bologna, Italy 1
Flooring made with DURCROM 50.

Imola Ceramica showroom | Imola, Bologna, Italy 2
Regeneration of industrial warehouse by installing an architectural concrete flooring with dry shake topping.

Linate Airport | Milan, Italy 3
Sealing of contraction joints of the airport pavement with EPOJOINT epoxy polyurethane resin.

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Restoration of the existing road surface with bituminous-cement flooring made using the DRACOBIT system (smooth effect).

CASH and CARRY (ARCA MARR Group) | Ravenna , Italy 7
Post-tensioned industrial flooring with CORINPLATE premixed dry shake and treatment with PAVILITIUM lithium silicate densifier.

ARCHDESIGN Studio | Cesena, Italy 8
Architectural concrete flooring of studio and offices with QUARZPLATE dry shake floor hardener.

Milan Expo 2015 Poland Pavilion | Milan, Italy 9
Seamless coating of the concrete access ramp with EPOMALT FAST 50 epoxy-cement resin.

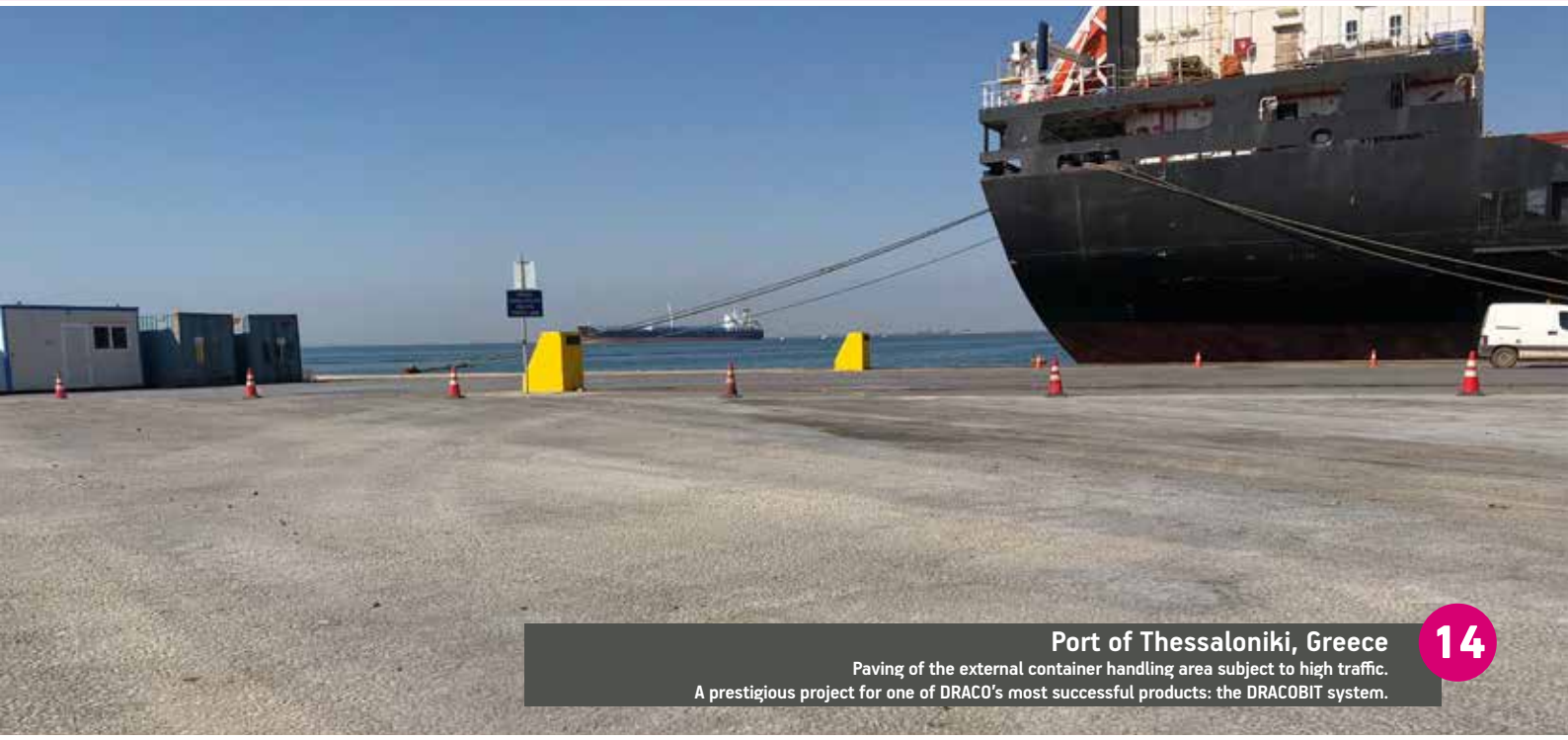
10 **Falkensteiner Hotel | Jesolo, Venice, Italy**
Coating of floors in kitchens, restrooms, equipment rooms and refreshment areas with high chemical resistance self-levelling epoxy-cement system DRACOFLOOR HD.

11 **Julian Fashion | Milano Marittima, Ravenna, Italy**
Coating of existing flooring with DRACOFLOOR MD high chemical resistance resin.

12 **Pedestrian-cycle overpass - New Lambrate junction - Milan East Ring Road | Italy**
Coating and anti-slip finish of the pedestrian-cycle overpass with EPOMALT cement-epoxy skim mortar and DRACOLOR methacrylic resin coating.

Padua Freight Terminal 13

Restoration of the container area access zone with semi-flexible bituminous-cement paving made with DRACOBIT system.



Port of Thessaloniki, Greece 14

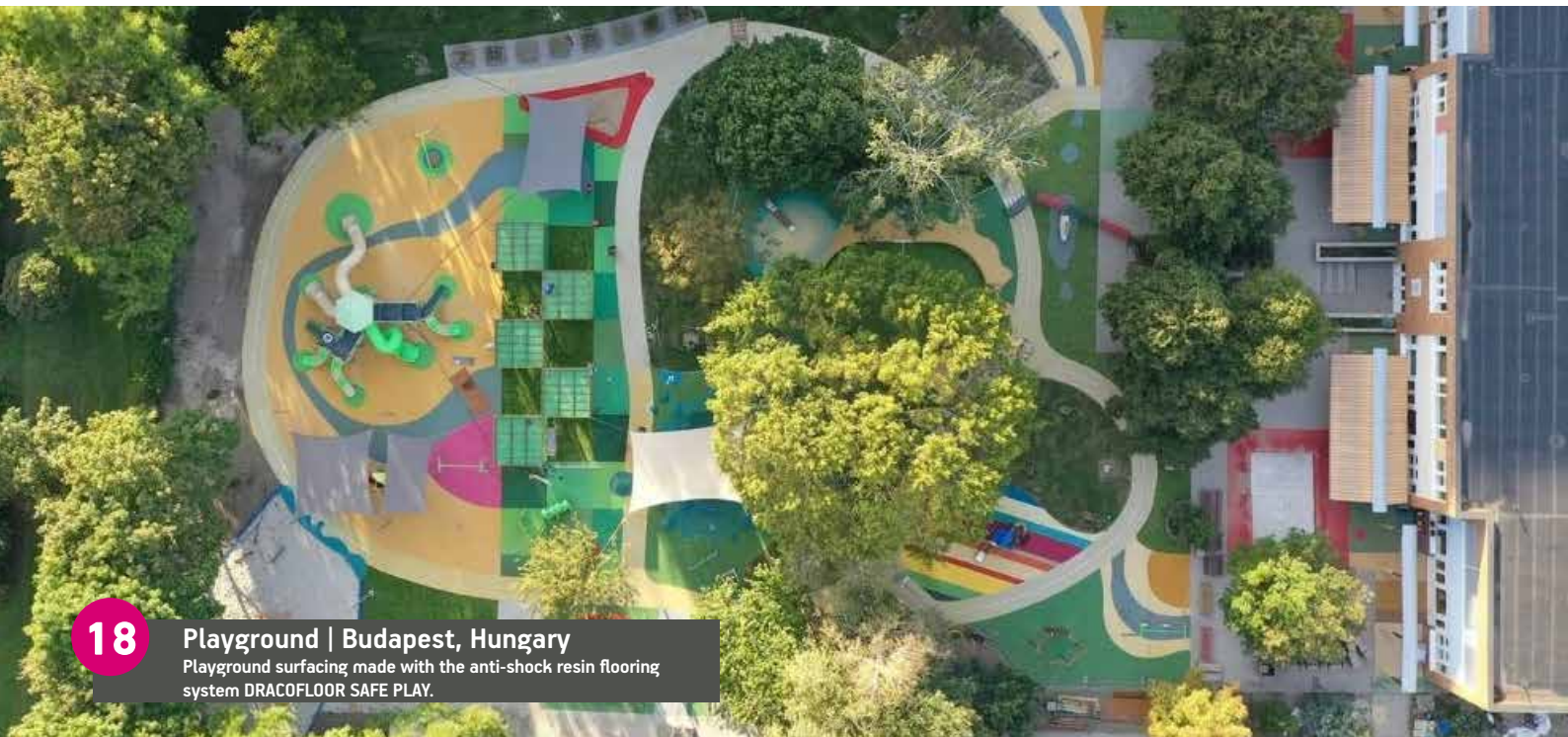
Paving of the external container handling area subject to high traffic.
A prestigious project for one of DRACO's most successful products: the DRACOBIT system.

Bologna Gomme - Tyres and Mechanics | Villanova - Bologna, Italy 15

Covering of the existing flooring of the workshop with DRACOFLOOR MD thick resin coating.

16 **Mazapegul brewery I Civitella, Forlì-Cesena, Italy**
Interior floor covering in the production area made with the thick layer resin system DRACOFLOOR MD.

17 **Playground | Budapest, Hungary**
Playground surfacing made with the anti-shock resin flooring system DRACOFLOOR SAFE PLAY.



18 **Playground | Budapest, Hungary**
Playground surfacing made with the anti-shock resin flooring system DRACOFLOOR SAFE PLAY.

Multipurpose centre | Debrecen, Hungary 19
Basketball court and running track flooring made with DRACOFLOOR PLAY resin flooring system specially designed for sports areas.

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24 **New city park | Palma Campania - Naples, Italy**
Playground surfacing made with anti-shock resin flooring system DRACOFLOOR SAFE PLAY.

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FIND OUT MORE ABOUT DRACO BUILDING SOLUTIONS:

CONCRETE LINE
ADMIXTURES AND SYSTEMS FOR CONCRETE

FLOORING LINE
RESINS AND PRODUCTS FOR INDUSTRIAL FLOORING

WATERPROOFING LINE
SOLUTIONS FOR WATERPROOFING STRUCTURES

REFURBISHMENT AND PROTECTION LINE
MORTARS AND SYSTEMS FOR RESTORING STRUCTURES

UNDERGROUND AND TUNNELLING LINE
CHEMICAL SOLUTIONS FOR SPECIAL FOUNDATIONS AND TUNNELS

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DRACO
QUALITY YOU CAN BUILD ON

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