

## DURAFLOOR POLYURETHANE-CEMENT BASED INDUSTRIAL FLOORING SYSTEMS

With the introduction of the **DURAFLOOR** range, **DRACO** reaches the highest level in the field of high performance seamless industrial flooring.

**DURAFLOOR** is a line of **polyurethane-cement based products with high chemical resistance**, specially formulated to achieve seamless, impermeable surfaces which resist **heavy traffic and hard-wearing, thermal shock, frequent washing and stagnant -even aggressive- liquids**. These flooring with indisputable performance are designed for the food, chemical and pharmaceutical industry and in general, all those production areas subject to high traffic and processing, also with fluid spillage, which need hygienic conditions and ease of cleaning.

### BENEFITS

**DURAFLOOR** resists to impact, heavy traffic, chemical aggression of acids, alkalis, oils and other substances which deteriorate traditional resins. The characteristics which make **DURAFLOOR** the most performing flooring system on the market are the following:

#### Strong and durable

The **DURAFLOOR** coatings resist heavy traffic (lift trucks, forklift trucks, pallet trucks) without suffering deformation.

#### Resistant to chemical attacks (\*)

The **DURAFLOOR** systems resist organic and inorganic acids and high concentrations of alkaline solutions.

#### Hard-wearing

The **DURAFLOOR** systems are resilient, even in case of very low temperatures, and show high resistance to impact and abrasive action.

#### Resistant to high temperatures and thermal shock

The **DURAFLOOR** coatings can be installed in environments with temperatures from -40°C to + 150°C (\*\*).

#### Slip resistant

The **DURAFLOOR** systems are inherently slip-resistant, even in case of water pooling.

#### Quick application

The **DURAFLOOR** coatings can be installed in 2 days, thus avoiding down times in production.

#### Tolerant to moisture

The **DURAFLOOR** systems can be applied to concrete surfaces which are not perfectly cured.

#### Impermeable and resistant to chemicals

**DURAFLOOR M** does not absorb water and is the ideal option for those processing environments where water pooling, purées and liquids in general, even aggressive, are likely to be present.

#### Hygienic and easy to clean

The **DURAFLOOR** coatings are easy to clean, they prevent bacterial growth and resist frequent washing at high temperature, even at pressure, in compliance with HACCP directives for the food industry.

#### Suitable for the food industry

These systems are specially recommended for environments with presence of food and subject to ISO standards or Legislative Decree 193/07 implementing the Regulation (EC) no. 852/2004 on the hygiene of foodstuffs (HACCP).



(\*) For information on the substances the spillage of which is tolerated, please refer to the **DURAFLOOR** table of chemical resistance.  
(\*\*) Depending on the designed thickness; please contact the **DRACO** technical office for more information.



# DURAFLOOR

## POLYURETHANE-CEMENT BASED FLOORING SYSTEMS

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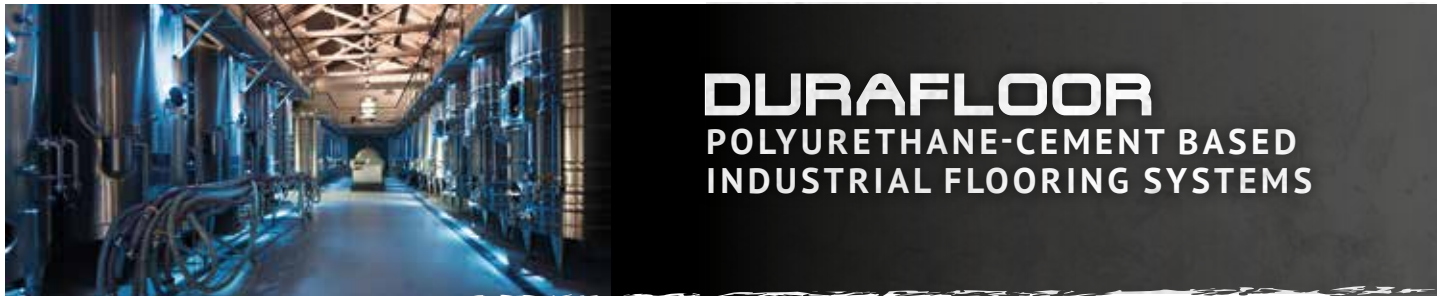


### HARD-WEARING FLOORING FOR INDUSTRIAL ENVIRONMENTS

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**DURAFLOOR**  
POLYURETHANE-CEMENT BASED  
INDUSTRIAL FLOORING SYSTEMS

## THE RANGE

The **DURAFLOOR** polyurethane-cement based systems are the right choice for those looking for a high performance flooring solution for their business. The **DURAFLOOR** systems show an excellent **resistance to shocks, impacts, heavy traffic, high temperatures, thermal shock, acids, alkalis, oils** and other substances

which attack and irreversibly deteriorate traditional resins affecting their service life.

The **DURAFLOOR** range comprises **two systems** with the same mechanical properties and chemical resistance, but with **different finish, thickness and slip resistance level.**



### DURAFLOOR 4.6

Self-levelling seamless flooring with a smooth finish and light slip resistance.

Thickness from 4 to 6 mm

Coloured, four-component, seamless polyurethane-cement based flooring with a smooth matt finish. Installed in thicknesses of 4 to 6 mm, it is used to achieve seamless industrial floors, resistant to chemical attacks, impact, abrasion, frequent washing cycles, drainage and spillage of high temperature liquids.

### DURAFLOOR 6.12

Thick, slip-resistant seamless flooring with a light rough finish.

Thickness from 6 to 12 mm

Coloured, four-component, seamless polyurethane-cement based flooring with a matt finish and good slip resistance. Installed in thicknesses of 6 to 12 mm, it is used to achieve seamless industrial floors, resistant to chemical attacks, impact, abrasion, frequent washing cycles, drainage and spillage of liquids **with temperatures of up to 150 °C.**

#### AVAILABLE COLOURS



Printed colours are indicative only as colour reproduction may vary due to printing process. Always refer to the original colour samples.



## DURAFLOOR 4.6 SYSTEM

**SELF-LEVELLING, POLYURETHANE-CEMENT BASED FLOORING**  
Seamless coating with a smooth matt finish - Thickness ranging from 4 to 6 mm

**DURAFLOOR 4.6** is a self-levelling polyurethane-cement based flooring system with a matt finish for the creation of seamless coatings in industrial areas subject to heavy traffic and severe chemical attack, impact and frequent washing, even at high temperature.

Thanks to its outstanding properties, the **DURAFLOOR 4.6** system provides owners and users a durable and valuable product which adds value to the building where it is installed.

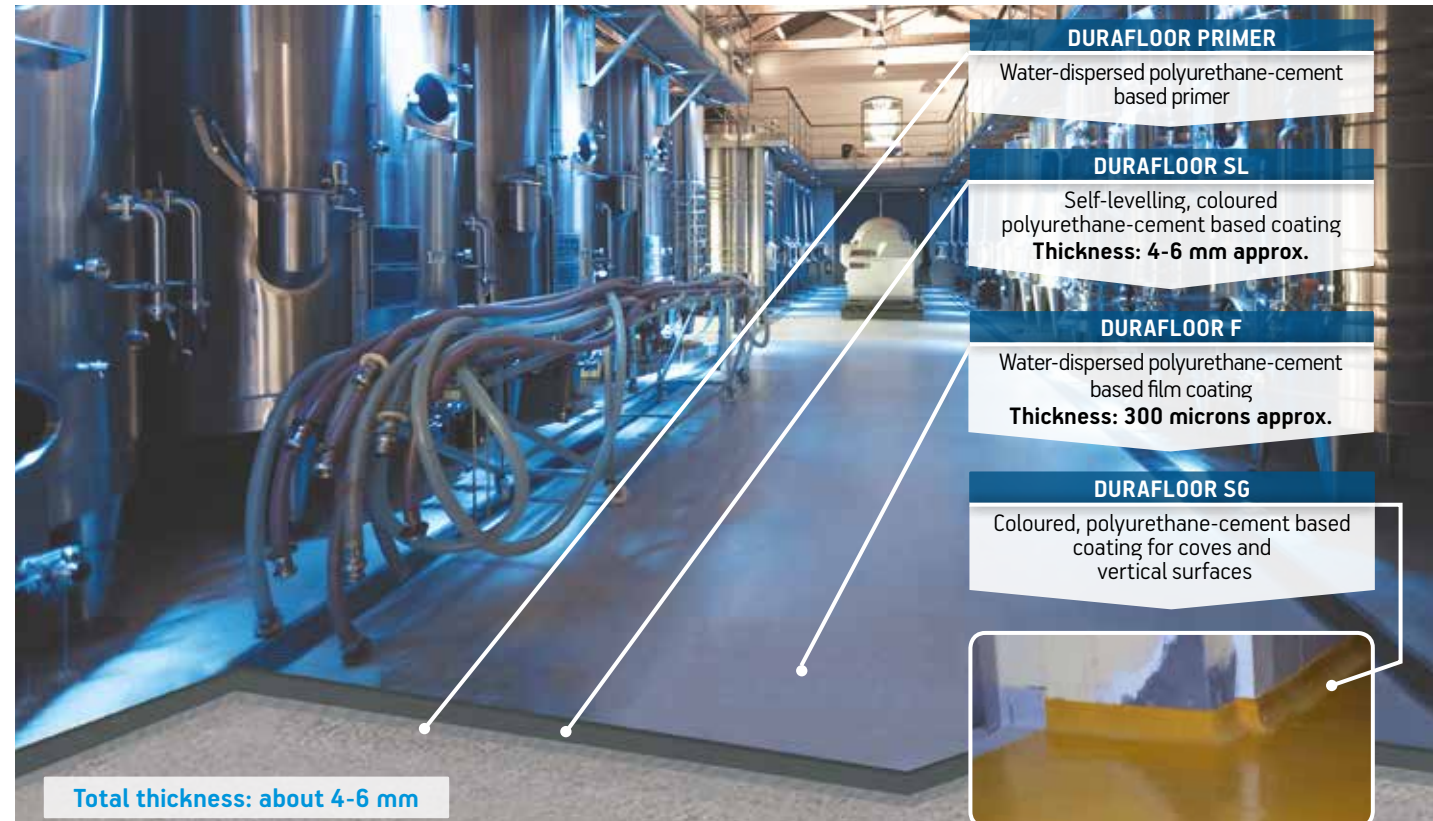
Products used: **DURAFLOOR PRIMER - DURAFLOOR SL - DURAFLOOR SG - DURAFLOOR F**



#### IDEAL FOR

covering industrial floors of:

- ✓ chemical and pharmaceutical industries, laboratories;
- ✓ wine farms, breweries, bottling industries and roasting facilities;
- ✓ pasta factories, canning and beverage industries;
- ✓ food industries and food preparation areas which have to meet HACCP requirements.



#### DURAFLOOR PRIMER

Water-dispersed polyurethane-cement based primer

#### DURAFLOOR SL

Self-levelling, coloured polyurethane-cement based coating  
**Thickness: 4-6 mm approx.**

#### DURAFLOOR F

Water-dispersed polyurethane-cement based film coating  
**Thickness: 300 microns approx.**

#### DURAFLOOR SG

Coloured, polyurethane-cement based coating for coves and vertical surfaces

Total thickness: about 4-6 mm

## DURAFLOOR 6.12 SYSTEM

**SLIP-RESISTANT, POLYURETHANE-CEMENT BASED FLOORING**  
Seamless coating with a rough matt finish - Thickness ranging from 6 to 12 mm

**DURAFLOOR 6.12** is a polyurethane-cement based flooring system with a rough finish for the creation of seamless coatings in industrial areas subject to heavy traffic and severe chemical attacks, impact and frequent washing, even at high temperature.

Thanks to its outstanding properties, the **DURAFLOOR 6.12** system provides owners and users a durable and valuable product which adds value to the building where it is installed.

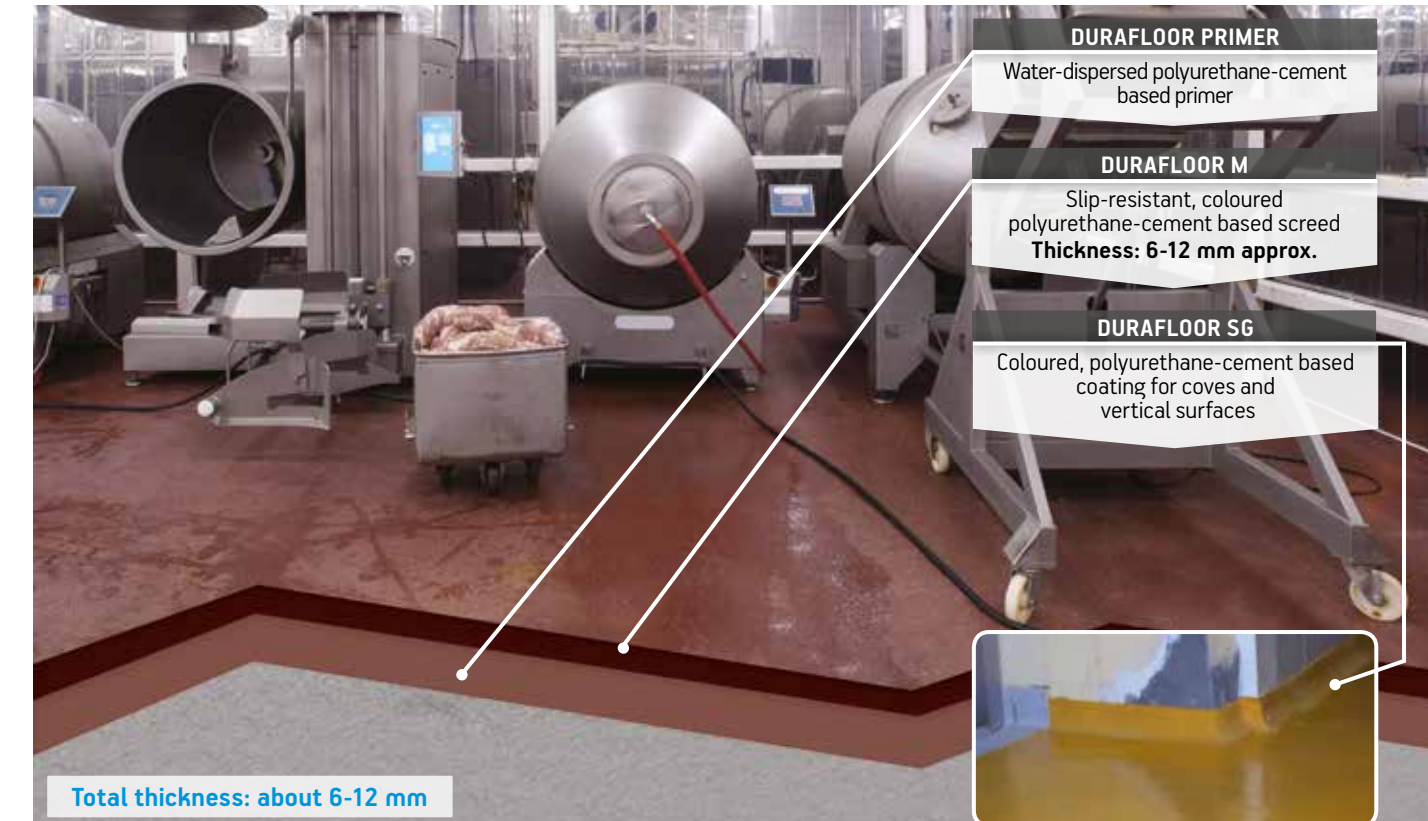
Products used: **DURAFLOOR PRIMER - DURAFLOOR M - DURAFLOOR SG**



#### IDEAL FOR

covering industrial floors of:

- ✓ dairy industries, canning and beverage industries;
- ✓ meat slaughtering and processing facilities, fish processing plants;
- ✓ chemical and pharmaceutical industries, laboratories, cold storage chambers;
- ✓ food industries and food preparation areas which have to meet HACCP requirements.



#### DURAFLOOR PRIMER

Water-dispersed polyurethane-cement based primer

#### DURAFLOOR M

Slip-resistant, coloured polyurethane-cement based screed  
**Thickness: 6-12 mm approx.**

#### DURAFLOOR SG

Coloured, polyurethane-cement based coating for coves and vertical surfaces

Total thickness: about 6-12 mm