

# DRACOCEM PRONTO EASY

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



**DRACOCEM PRONTO EASY** is a ready-to-use pre-mixed screed based on selected aggregates, hydraulic binders and specific admixtures. Thanks to its improved workability, when mixed with water according to the recommended mixing ratio **DRACOCEM PRONTO EASY** is fast and easy to lay, and it is ideal for the construction of floating screeds, bonded screeds, and fast-drying and shrinkage compensated screeds containing heating elements. **DRACOCEM PRONTO EASY** allows for the application of tiles after about 24 hours (at 20 °C), and the application of materials susceptible to moisture after 10 days.

## BENEFITS

**DRACOCEM PRONTO EASY** is a special ready-to-use premixed mortar. When mixed with water, it ensures **hardening and drying**, whatever the thickness of the screed made.

### Product features:

- ✓ **EXCELLENT COMPRESSIVE STRENGTH:** screeds made with **DRACOCEM PRONTO EASY** quickly reach high mechanical strength;
- ✓ **FAST-DRYING AND CONTROLLED-SHRINKAGE:** depending on the temperature and the environment ventilation it is possible to apply the product after 24 hours on all types of floor which are not adversely affected by moisture.
- ✓ **IMPROVED THERMAL CONDUCTIVITY:** the special formulation of **DRACOCEM PRONTO EASY** allows a better thermal conductivity, making it also suitable for the realization of conductive screeds



## AREAS OF APPLICATION

- ✓ Preparing high-strength screeds with semi-quick drying both indoors and outdoors.
- ✓ Making screeds on which it is possible to lay natural stone and ceramic floorings, wood flooring and resilient floorings.
- ✓ Screeds for low thickness floorings.

## SUBSTRATES PREPARATION

### CLEANING

- ▶ Remove all loose and crumbling parts with low mechanical strength from the area to be restored.
- ▶ Remove stains, efflorescences, residues of oil, grease, dust and dirt.
- ▶ In case of floors in wood, vinyl, resin, or coatings which are adversely affected by moisture, it is necessary to apply a vapour barrier composed of waterproof membrane, polyethylene sheets, etc. paying particular attention to the perimeter areas.
- ▶ Substrate moisture must be less than 2%, otherwise it is recommended to adequately insulate with polyethylene sheets.
- ▶ In the presence of pipes, gutters or gaps it is recommended to place over them a wire mesh.

### MEASURING MOISTURE CONTENT

The substrate's residual moisture shall be measured with a carbide hygrometer and **shall be less than 2 % by weight.**

## MIX PREPARATION

**DRACOCEM PRONTO EASY** is practical and easy to apply; in order to obtain an excellent result, observe the following instructions:

- the product may be prepared using: a normal bent-axis cement mixer, a planetary mixer (vertical axis), a forced-action mixer, a mixer truck or an automatic pressure pump.
- Mix a 25 kg bag of **DRACOCEM PRONTO EASY** with approx. 1.9 litres of water and stir for at least 3 minutes till getting a well-blended mix with a "damp earth" consistency; never prolong mixing over 15 minutes; it is recommended to mix 2 bags at a time with its water and so on.
- Observe the suggested mixing ratio; do not add water.

## HOW TO USE

### FLOATING SCREED (from 35 to 60 mm)

**DRACOCEM PRONTO EASY** must be laid on a layer made up of polyethylene sheets (or similar insulating material) in order to allow for movement between the screed and the substrate. In the presence of moisture a suitable vapour barrier shall be made. In the presence of pipes, gutters or gaps, the screed must be reinforced by positioning a light wire mesh over them in order to prevent the risk of screed cracking. The laying of **DRACOCEM PRONTO EASY** is carried out using the same technique as for cement screeds, by providing suitable level guides and then, by spreading, tamping and trowelling the mix.

In the presence of pillars, perimeter or partition walls, etc., place 1 cm-thick closed-cell polyethylene layer to insulate the structures. If the laying of **DRACOCEM PRONTO EASY** is interrupted or paused for more than one hour, cut the screed perpendicularly to the substrate and insert a series of 3-6 mm diameter, 20-30 cm-long steel rods at a pitch of 10-20 cm. This operation will ensure the tight seal of the cold joint and avoid uneven joints. Trowel the mix.

### BONDED SCREED (thickness from 20 to 40 mm)

Observe the same instructions for floating screeds, but apply a cold joint of fluid grout on the clean and uniform substrate respecting the following mixing ratio:

- **COLLACEM**: 1 part by weight; water: 1 part by weight; cement: 2 parts by weight.

Immediately before applying **DRACOCEM PRONTO EASY** (wet-on-wet technique) lay an even and continuous coat of fluid grout using a push broom or a pasting brush.

## PACKAGING AND STORAGE

**DRACOCEM PRONTO EASY** is packaged in a 25 kg paper bag. If the product is stored properly in its original packaging, indoors in a dry location, it maintains its original features for one year.

If the product is stored properly in its original packaging, indoors in a dry location at a temperature of not less than + 10°C, it maintains its original features for 12 months.

## PRODUCT FEATURES

APPEARANCE	Powder
COLOUR	Grey
MAXIMUM PARTICLE SIZE	3 mm
STORAGE	12 weeks
PACKAGING	25 kg bag

## APPLICATION DATA 20°C - 65%R.H.

COLOUR OF MIX	Grey
MIXING RATIO WITH WATER	approx. 1.9 l of water per 25 kg bag
APPLICATION DENSITY	1700 kg/m <sup>3</sup>
APPLICATION TEMPERATURE RANGE	+5 ÷ +30°C
MIXING TIME	min 3 - max 15 min
WORKABILITY TIME	approx. 2 hours
WALKABILITY	approx. 12 hours
WAITING TIME BEFORE LAYING	1 day for ceramic and natural stone 10 days for wooden floors
CONSUMPTION	approx. 17 kg/m <sup>3</sup> per cm of thickness

## PERFORMANCE CHARACTERISTICS - EN 13813 CT - C20 - F - A1 fl mixing water 1.9 l/25 kg bag

CHARACTERISTIC	PERFORMANCE REQUIREMENTS
COMPRESSIVE STRENGTH (MPa) -EN 13892-2	1 day > 5 MPa 7 days > 12 MPa 28 days > 20 MPa
RESISTANCE TO MOISTURE	excellent
RESISTANCE TO AGEING	excellent
RESISTANCE TO HYDROCARBONS	excellent
RESISTANCE TO ALKALIS	good
RESISTANCE TO PETROLEUM OILS (non-vegetable)	excellent
RESISTANCE TO HIGH AND LOW TEMPERATURES	from -10°C to more than +90°C
OPERATING TEMPERATURE	from -30°C to more than +90°C

### Legal notice - SLCMP version dated 01.03.2017

In the technical specifications herein, Draco Italiana s.p.a. used the indicators therein specified, with the relevant standards.

Please check if this Sheet and the figures therein contained apply to the product batch you are interested in or if they have been overridden by any later release. If in doubt, check whether this Sheet matches the one applicable at the time of finalising the sales agreement, at [www.draco-edilizia.it](http://www.draco-edilizia.it), and/or contact our Engineering Department.

No advice provided by our staff, either verbally or in writing at your request, about the potential applications of the Products shall be binding under the sales agreement or shall be considered an integral part of the agreement. Such advice is based on our experience and on the best available practical and/or scientific knowledge; as such, it shall not be binding or conditional on the buyer or user. Please try our products first to find out whether they are fit for your intended use or application; in any case, you shall be solely responsible for your choice.