

## 6.1 Spackling-repairing pastes & drywall construction reinforcement

# DUROSTICK GRANULAR Resinous cement paste (for covering defects up to 20mm/coat)



### TECHNICAL SPECIFICATIONS (Measurement conditions 20 °C and 65% R.H.)

Form - Color	Cementitious mortar - White
Toxic	No
Bulk density of dry mortar	1.30±0.05 kg/lt
Bulk density of fresh mortar	1.65±0.05 kg/lt
Maximum grain size	0.70 mm
Water requirement	7.0 lt water in 25kg mortar
Application temperature	From +5 °C to +35 °C
Temperature resistance	From -30 °C to +80 °C
Maximum application thickness	20 mm/coat
Recoating time	After 4 hours
Pot life	4 hours

### MECHANICAL STRENGTHS

Strength after 28 days, per EN 1015-11, to:	
• flexion	2.00±0.50 N/mm <sup>2</sup>
• compression	4.50±1.00 N/mm <sup>2</sup>
Adhesive strength after 28 days, per EN 1015-12:	
	≥0.50 N/mm <sup>2</sup>
Capillary water absorption (c) per EN 1015-18	
	0.90 kg/m <sup>2</sup> .min <sup>0.5</sup>

Experimental measurements were performed per EN 998-1 in the Chemical Laboratory of DUROSTICK and were confirmed by the CERECO audit (code 98/2010).

### CONSUMPTION

Approximately 1.5kg/m<sup>2</sup>/mm thick coat.

### STORAGE

- **25kg Paper bag with valve:** 12 months from production date
  - **5kg Plastic bag:** 18 months from production date
- Store in the factory sealed packages, in dry and shaded places.

### SAFETY DIRECTIONS

The product contains Portland cement. Before use, refer to the cautions on the product packaging or the Material Safety Data Sheet.

### NOTES

- Protect the product while it is still fresh from rain and frost.
- After hardening, the product is harmless to health and the environment.

### PACKAGING

Carton box with 4 bags of 5kg each one  
Paper bag of 25kg on 1,500kg pallet

### PROPERTIES

White cementitious, polymer modified paste that offers great coverage. Suitable for indoor and outdoor applications. Just add water to create an easy to use paste that does not shrink. Does not crack, does not create surface imperfections or sag, even when applying thick coats. Presents high moisture resistance and excellent surface hardness; it allows the surface to breathe (breathability) as well.

GRANULAR can be colored using DUROCOLOR POWDER-C, pigments in powder form (96 permanent colors). This procedure makes it easy to detect any imperfections, just by visual inspection of the coated surfaces, and makes it easy to detect any unevenness on the coated surfaces, and even easier to correct the defects where necessary.

All this results in reduced requirement for multiple coats of paint, especially for darker colors. In this way, it reduces both product and labor costs. Classified GP: CS III/WO, per EN 998-1 (CERECO code: 98/2010).

### APPLICATIONS

DUROSTICK GRANULAR is suitable for patching and spackling of all plastered surfaces made of concrete (pic.1) and/or aircrete (pic.2).

It perfectly hides every defect, on painted, or else, surfaces on walls and ceilings. Apply 1-2 coats, of 1-20mm thick each one, to create a smooth surface, ready to be primed and painted. The surface can be sanded or smoothed with a damp plastering float, on the same day, when necessary.

### ADVANTAGES

- Due to its excellent coverage, GRANULAR eliminates the need for plastering.
- Plastered surfaces with construction defects, which become very noticeable once covered with darker colors, they are perfectly smoothed. First prime the surface using the micromolar stabilizer AQUAFIX of DUROSTICK.
- To obtain a velvety smooth surface, use DUROSTICK STUCOFIX-P, the acrylic ultrafine skimming paste, the next day following application.

### USE

#### 1. Surface preparation

To ensure proper adhesion of the product, surfaces have to be thoroughly cleaned and free from loose materials and dust. Any formwork oils that may exist have to be removed with the biodegradable detergent for oils, BIO-CLEAN INDUSTRIAL. Avoid applying the product when the ambient or surface temperatures exceed 35 °C. Soak thoroughly, especially outdoor surfaces to ensure excellent adhesion conditions and eliminate the risk of early dehydration of the product that could result in the reduction of its strength.

#### 2. Application

Empty 25kg of the mortar in a clean container with 7.0 - 7.5lt of water, (1.4lt: 5kg). Mix using a low rpm electric mixer, until a lump free, homogeneous paste is produced. Allow for the mixture to mature for 10 minutes, and mix periodically during use without adding any water. Apply using a large, steel spackling/taping knife.

### CLEANING

Clean all tools with water, immediately after use.

Color it by adding the pigments in powder form, DUROCOLOR POWDER-C in 96 colors



pic. 1



pic. 2