

DUROSTICK GRANULAR



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



PROPERTIES

White cementitious, polymer modified paste that offers great coverage. Just add water to create an easy to use paste that does not shrink. It covers surface imperfections without bursting, cracking or sagging, even when applying thick coats. Presents high moisture resistance and excellent surface hardness; it allows the surface to breathe (breathability) as well. Classified GP: CS III/W0, per EN 998-1 (CERECO code: 98/2010).

ADVANTAGES

- Eliminates the need for plastering, due to its high coverage.
- Plastered surfaces with construction defects, which become very noticeable once covered with darker shades, are perfectly smoothed. First prime the surface using the micromolar stabilizer AQUAFIX of DUROSTICK.

APPLICATIONS

DUROSTICK GRANULAR is suitable for patching and spackling of all plastered surfaces made of concrete and/ or aircrete covering any surface

imperfections in painted or non-painted walls and ceilings. Suitable for interior and exterior applications.

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 oil cleaner, BIOCLEAN INDUSTRIAL. Avoid applying the product when the ambient or surface temperatures exceed 35°C. Soak thoroughly, especially exterior 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 (1.4-1.5lt for 5kg) of water. Mix using a low-rpm drill, until a lump free, homogeneous paste is produced. Allow the mixture to mature for about 10 minutes and stir periodically without adding extra water. Apply using a large

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or smaller spackling/taping knife, a gauging trowel or a plastering/injection machine. With one to two coats of 1-20mm each one, create a smooth surface that can be primed and painted. The surface can be sanded the very same day but it can also be smoothed with a wet plastering float when it is still fresh

USEFUL TIPS

- The painting of GRANULAR with the addition of pigments in powder form DUROCOLOR POWDER-C (in 96 shades of color chart), provides a unique ability to control the flatness of the walls and correct imperfections before painting. The resulting result eliminates the need for multiple coats of paint (especially in dark shades). In this way the cost of the application is significantly reduced due to the reduction of the quantity of paint and labor that in any other case would be necessary.
- When looking for velvety surface indoors, skim coat the next day all the coated surfaces using the acrylic, ultrafine skimming paste, STUCO-FIX-P of DUROSTICK.

CLEANING

Clean all tools with water immediately after use.

CONSUPTION

Approximately 1.5kg/m²/mm thick coat.

STORAGE

- 25kg Paper bag with valve: At least 12 months from production date
 - 5kg Plastic bag: At least 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 on 720kg pallet
- Paper bag of 25kg on 1,500kg pallet

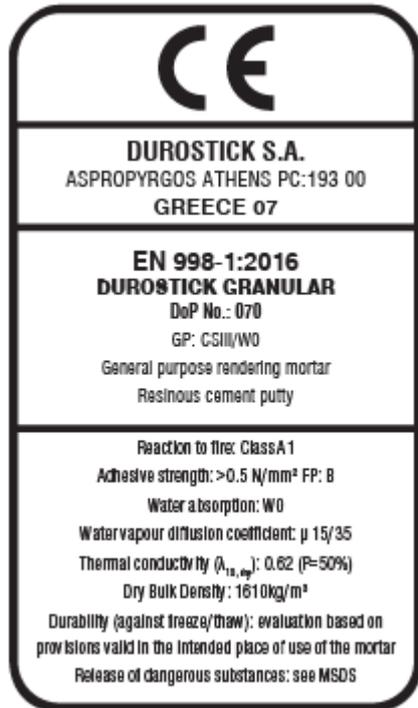
TECHNICAL SPECIFICATIONS (Measurement conditions 20°C and 65% R.H.)	
Form - Color	Cementitious mortar - White
Toxic	No
Bulk density of dry mortar	1.30±0.05kg/lt
Bulk density of fresh mortar	1.65±0.05kg/lt
Maximum grain size	0.70mm
Water requirement	7.0lt water in 25kg mortar
Application temperature	From +5°C to +35°C
Temperature resistance	From -30°C to +80°C
Maximum application thickness	20mm/coat
Recoating time	After 4 hours
Pot life	At least 4 hours
PRODUCT PERFORMANCES	
Strength after 28 days, per EN 1015-11, to:	
• flexion	2.00±0.50 N/mm ²
• compression	4.50±1.00 N/mm ²
Strength after 28 days, per EN 1015-12:	
• adhesive	≥ 0.50 N/mm ²
Capillary water absorption (c) per EN 1015-18	0.90kg/m ² .min0,5
Water vapor diffusion coefficient per EN 1015-19	μ 15/35
Thermal conductivity λ10, dry per EN 1745 (Table. A.12)	0.62 W/m.K
Reaction to fire per EN 13501-1	Euroclass A1
<i>Experimental measurements were performed per EN 998-1 in the Chemical Laboratory of DUROSTICK and were confirmed by the CERECO audit (code 98/2010).</i>	

The technical specifications and directions of use contained in this technical brochure are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.

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DUROSTICK S.A.

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