

POWDER COAT



Spackling/patching paste (for covering defects up to 4mm/coat)



PROPERTIES

White or gray cementitious and resinous spackling paste, for patching and covering surface defects. It offers great coverage while being fine grained. Just add water to create an easy to use paste, that is lump free. It applies with ease and creates a durable top coat without imperfections and cracks.

Classified GP: CS III/W0, per EN 998-1.

APPLICATIONS

POWDER COAT has exceptional coverage (covering defects from 1- 4mm) that offers the complete solution for preparing wall and ceiling surfaces. Surfaces made of marble based plaster and exposed concrete, as well as aircrete and gypsum board. Its great coverage also reduces the multiple thin coats (and additional labor costs), that are otherwise necessary when working with ordinary pastes. This makes POWDER COAT an essential product, that once dry, it is ready to be primed and painted. Any plastering defects, that are particularly visible on surfaces coated with darker colors, can be covered with a

single coat of POWDER COAT. On surfaces that require a velvety smooth surface, apply a finishing coat with DUROSTICK STUCOFIX-P, over the POWDER COAT. Suitable for interior and exterior surfaces.

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 8.0lt of water, (1.6lt water to 5kg mortar). Mix using a low-rpm drill, until a lump free, homogeneous paste is produced.

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After allowing for the mixture to mature for 5 minutes, it is ready to use. The addition of the acrylic emulsion D-20 or DUROSTOP or DUROSTICK into the mixing water, at a ratio of 1:3, increases its resistance to moisture on exterior surfaces, as well as its adhesion to painted ones. Apply the product using taping and putty knives, in two or more coats, as needed. Apply each additional coat after the previous one sets, 2-3 hours after each application. Sand the surface and remove all the dust, before priming and painting begins.

have to be clean and free of excess material from previous use to avoid debris in the product.

- After hardening, the product is harmless to health and the environment.

USEFUL TIPS

- For interior velvety-smooth surfaces, coat the following day with the acrylic ultra-thin paste STUCOFIX-P of DUROSTICK.
- The coloring ability of POWDER COAT, (using pigments in powder form DUROCOLOR POWDER-C in 96 permanent colors), provides the following benefits: Reduces the requirement for multiple coats of paint, especially for darker colors. In this way, it reduces both product and labor costs. It makes it easy to detect any unevenness on the applied surfaces, and even easier to correct any defects.

CLEANING

Clean all tools with water, immediately after use.

CONSUMPTION

Approximately 1.4kg/m²/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

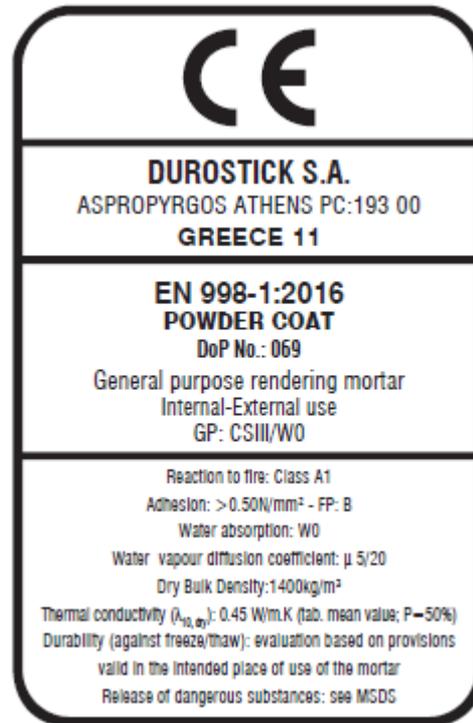
- Both the mixing containers, as well as the application tools

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TECHNICAL SPECIFICATIONS (Measurement conditions 20°C and 65% R.H.)	
Form - Color	Cementitious mortar - White, gray
Toxic	No
Bulk density of dry mortar	1.10±0.05kg/lt
Bulk density of fresh mortar	1.50±0.05kg/lt
Maximum grain size	450µm
Water requirement	8.0lt water in 25kg mortar
Application temperature	From +5°C to +35°C
Temperature resistance	From -30°C to +75°C
Maximum application thickness	4mm/coat
Pot life	3 hours
Sanding	After 4-6 hours
Painting/Wallpaper installation	After 24 hours
PRODUCT PERFORMANCES	
Strength after 28 days, per EN 1015-11, to:	
• flexion	2.00±0.80 N/mm ²
• compression	4.00±1.00 N/mm ²
Strength after 28 days, per EN 1015-12:	
• Adhesive	> 0.65 N/mm ² [CERECO 298]
Capillary water absorption (c) per EN 1015-18	≤ 1.00kg/m ² .min0,5
Water vapor diffusion coefficient per EN 1015-19	µ 5/20
Thermal conductivity λ10, dry per EN 1745 (Table. A.12)	0.45 W/m.K
Reaction to fire per EN 13501-1	Euroclass A1



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