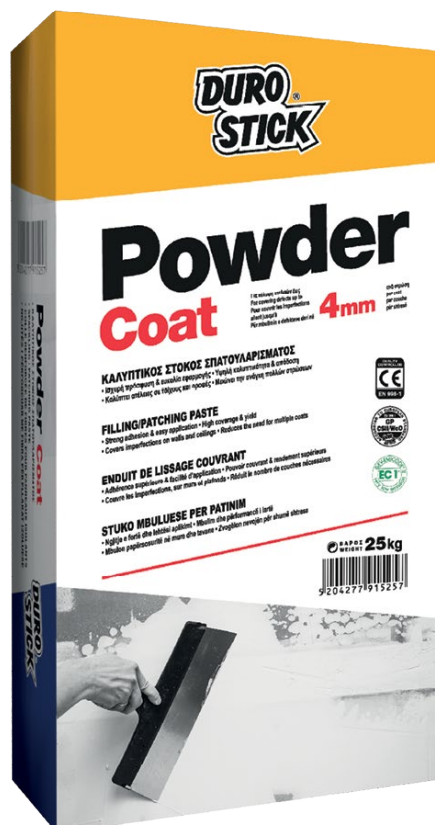


POWDER COAT



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



EPD®

■ PROPERTIES

Resinous, fine-grained, smoothing and leveling, cement mortar of high coverage.

Just add water to create an easy to use, lump free paste. It applies smoothly and sands easily.

Apply it to create a durable top coat without imperfections and cracks.

Classified GP: CSIII/Wc0, per EN 998-1.

The product has received an Environmental Product Declaration (EPD) following an assessment of the environmental impact of its life cycle.

Registration number: S-P-13776,

The International EPD® System.

■ 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 drywall. 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. On surfaces that require a velvety smooth surface, apply a finishing coat with DUROSTICK STUCOFIX-P, over POWDER COAT.

The technical specifications and directions of use contained in this technical data sheet 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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■ 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 BIOCLEAR 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 clean, cool water (1.6lt water to 5kg mortar). Mix using a low-rpm electric mixer, until a lump free, homogeneous paste is produced. 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.

■ 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.

■ NOTE

Both the mixing containers, as well as the application tools have to be clean and free of excess material from previous use to avoid debris in the product.

■ 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 Safety Data Sheet.

■ PACKAGING

Carton box with 4 bags of 5kg each one on 720kg pallet

Paper bag of 25kg on 1.500kg pallet.

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TECHNICAL SPECIFICATIONS (Measurement conditions 20°C and 65% R.H.)	
■ Form	Cementitious mortar
■ Bulk density of dry mortar	1.10±0.05kg/lt
■ Bulk density of fresh mortar	1.40±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
■ Adhesive strength after 28 days, per EN 1015-12	> 0.65 N/mm ²
■ Water absorption (c) per EN 1015-18	≤ 1.00kg/m ² ·min ^{0.5}
■ Water vapor permeability per EN 1015-19	µ 5/20
• Thermal conductivity λ _{10, dry} per EN 1745	0.45 W/m·K (tab. value)
• Reaction to fire	Class A1

Certified by the GEV institute in the top category EMI CODE® label EC1 Plus given to products on the verge of technological innovation and extremely low percentage of volatile emissions. The product complies with the strictest environmental and health requirements.

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