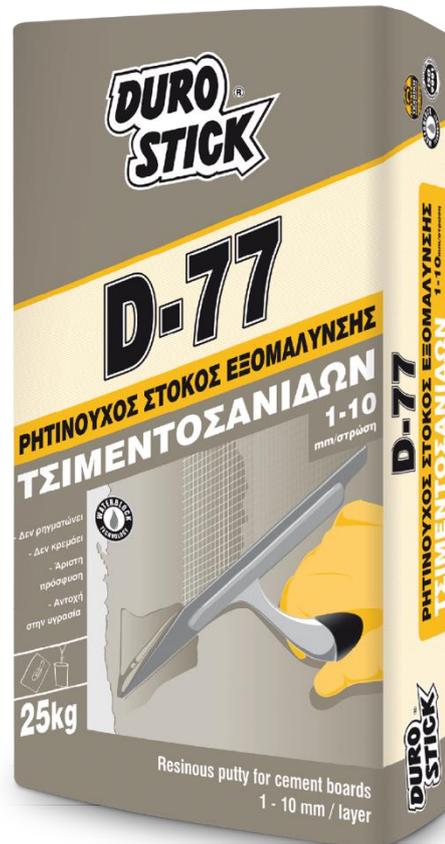


D-77



Resinous cement paste for smoothing cement boards from 1-10 mm/coat



■ PROPERTIES

Resin and fiber-reinforced cementitious paste with high coverage.
Just add water to create an easy to use gray paste, with minimal shrinkage and no cracking.
It covers all surface defects and applies even in large thicknesses.
It is highly resistant to moisture and frost. It develops high initial and final compressive and flexural strengths.
Classified GP: CSIV/Wc1, per EN 998-1 (CERECO code: 99/2010).

■ APPLICATIONS

DUROSTICK D-77 is ideal for covering all cement board imperfections, after their taping is completed. Suitable for smoothing and spackling on interior, but mainly on exterior surfaces.

■ USE

1. Surface preparation

To ensure proper adhesion of the product, surfaces have to be thoroughly cleaned and free from loose materials, dust, any oils etc.

No priming is required but only thoroughly soak of the surfaces before applying the material.

2. Application

Empty 25kg of DUROSTICK D-77 mortar in a clean container with 8.0lt of cool water. Mix using a low-rpm drill, until a lump free, homogeneous paste is produced.

Allow the mixture to mature for about 5 minutes and stir periodically without adding extra water. Continue by applying DUROSTICK D-77, on the surfaces and 'comb' using a 3x3mm and up to a 6x6mm notched trowel, always depending on the



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desired thickness. The recommended application thickness is 4-5mm. Encase the alkali resistant fiberglass mesh DUROSTICK DS-490 (4x4mm mesh size, 90gr/m² weight), by pressing it into the mortar with a flat trowel. Complete the work by smoothing the surface using a flat trowel and once dry, sand the entire surface. For easier sanding, finish the surface before the final hardening of the mortar. It will result in a smooth, sound surface, ready for priming and painting.

■ CLEANING

Clean all tools with water, immediately after use.

■ CONSUMPTION

Approximately 1.5kg/m²/mm thick coat.

■ STORAGE

Store in the factory sealed packages, in dry and shaded places, for 12 months from production date.

■ SAFETY DIRECTIONS

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

■ PACKAGING

Paper bag of 25kg on 1,050kg pallet.

PRODUCT PERFORMANCES	
■ Strength after 28 days, per EN 1015-11, to:	
• flexion	2.50±1.00 N/mm ²
• compression	7.10±1.00 N/mm ²
■ Strength after 28, per EN 1015-12:	
• adhesive	≥ 0.50 N/mm ²
■ Capillary water absorption (c) per EN 1015-18	0.38kg/m ² .min ^{0.5}
■ Water vapor diffusion coefficient per EN 1015-19	μ 15/35
■ Thermal conductivity λ _{10, dry} per EN 1745 (Table. A.12)	0.84 W/m-K
■ Reaction to fire per EN 13501-1	Euroclass A1

Experimental measurements were performed per EN 998-1 in the Chemical Laboratory of DUROSTICK and were confirmed by the CERECO audit (code 99/2010).

TECHNICAL SPECIFICATIONS (Measurement conditions 20°C and 65% R.H.)	
■ Form - Color	Cementitious mortar - Gray
■ Bulk density of dry mortar	1.20±0.20kg/lt
■ Bulk density of fresh mortar	2.05±0.05kg/lt
■ Maximum grain size	0.70mm
■ Water requirement	8.0lt water in 25kg mortar
■ Application temperature	From +5°C to +35°C
■ Temperature resistance	From -30°C to +90°C
■ Maximum application thickness	10mm/coat
■ Recoating time	After 3-4 hours
■ Pot life	4 hours at +23°C

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