

DUROSTICK D-46



Fast setting repair plaster



■ PROPERTIES

Ready mixed, fast setting white repair plaster. The product is easy to work with, presents powerful adhesion and durability. It has the same grain size with top coat plasters, thus making it the ideal solution for repairs of deteriorated and damaged existing plaster surfaces. Classified GP: CSII/Wc0, per EN 998-1.

■ APPLICATIONS

D-46 plaster is suitable for restoring large cracks on plaster, 2-10mm thick, and for repairing damaged corners. It can replace top coat plasters in time-sensitive projects. Use it to seal holes around wall switches and electrical panels created during electrical works.

Repair defects created during construction from plumbing and tiling crews as well as aluminum frame installers.

Its effectiveness makes it an indispensable tool for all painting projects.

Add one cup of the improving resin DUROMAX (250ml) or 1lt of the acrylic emulsion D-20 in the mixing water of every 25kg bag of D-46. The addition increases the mechanical strengths of the mortar, its adhesion, and its strength, as well as its water tightness while improving its plasticity at the same time.

■ USE

1. Surface preparation

To ensure proper adhesion of the product to the substrate, all surfaces must be sound, and free from

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loose materials. Proper soaking before plaster application is required.

2. Application

Empty 25kg of D-46 into 5.0 - 5.5lt of cool water and mix using a clean cement mixer. Alternatively use a clean container with a low-rpm drill and the proper attachment, until the mixture is fully homogenized. Apply the plaster using a gauging trowel or a hawk/featheredge. Smooth the surface with a plastering float after 30-40 minutes from the application of the plaster.

■ CLEANING

Clean all tools with water, immediately after use.

■ CONSUMPTION

Approximately 15kg/m²/cm 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.

■ NOTE

The addition of acrylic emulsion, will affect the curing time of the plaster.

■ PACKAGING

Paper bag of 25kg on 1,500kg pallet.

TECHNICAL SPECIFICATIONS (Measurement conditions 20°C and 65% R.H.)	
■ Form - Color	Cementitious mortar - White
■ Bulk density of dry mortar	1.60±0.05kg/lt
■ Bulk density of fresh mortar	1.75±0.05kg/ lt
■ Maximum grain size	1.0mm
■ Water requirement	5.0lt water in 25kg mortar
■ Application temperature	From +5°C to +35°C
■ Temperature resistance	From -30°C to +80°C
■ Pot life	An hour at +20°C

PRODUCT PERFORMANCES	
■ Strength after 28 days, per EN 1015-11, to:	
• flexion	1.20±0.30 N/mm ²
• compression	4.10±0.50 N/mm ²
■ Strength after 28 days, per EN 1015-12, to:	
• Adhesion	> 0.30 N/mm ²
■ Capillary water absorption (c) per EN 1015-18	≤ 1.30kg/m ² .min ^{0.5}
■ Water vapour diffusion coefficient per EN 1015-19	μ 15/35
■ Thermal conductivity λ _{10, dry} per EN 1745 (Table A.12)	0.93 W/m-K
■ Reaction to fire, per EN 13501-1	Euroclass A1

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