

DUROSTICK D-32



Fast setting white repair plaster



■ PROPERTIES

Plaster with increased early strength, that is easy to use and provides strong adhesion and durability to all wall surface repairs.

It has the same grain size with top coat plasters, thus making it the ideal solution for repairs (patches), as it does not stand out.

Classified GP: CSII/Wc0, per EN 998-1 (CERECO code 135/2009).

■ APPLICATIONS

D-32 plaster is suitable for restoring large cracks on plaster, 2-10mm thick, and to repair damaged corners.

It can replace top coat plasters in time sensitive projects.

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.

The addition of the acrylic emulsion, D-20 in the mixing water at a ratio of 1 part emulsion to 3 parts water increases adhesion, strength and water tightness while improving its plasticity at the same time.

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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■ USE

1. Surface preparation

To ensure proper adhesion of the product to the substrate, all surfaces must be sound, and free from loose materials. Proper soaking before plaster application is required.

2. Application

Empty 25kg of D-32 into 5.5-5.75lt of cool water (5kg D-32 to 1.1lt water), and mix using a cement mixer or a clean container with a low-rpm drill 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 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, D-20 will affect the curing time of the plaster.

■ PACKAGING

Carton box with 4 bags of 5kg each one on a 900kg pallet.

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 | 5.5lt water in 25kg of 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 | 1.50±0.30 N/mm ² |
| • compression | 4.60±0.50 N/mm ² |
| ■ Strength after 28 days per EN 1015-12: | |
| • adhesive | ≥ 0,30N/mm ² |
| ■ Capillary water absorption (c) per EN 1015-18 | ≤ 1.20kg/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) | 0.93 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 confirmed by the CERECO Audit (code 135/2009).

DUROSTICK S.A.,

MANUFACTURING OF ADHESIVES,
PAINTS & MORTARS

ATHENS: ASPROPYRGOS, ATTICA, GR: 193 00,
Tel: +30 211 60 03 500-599, +30 210 55 16 500,
+30 210 55 98 350, Fax: +30 210 55 99 612

THESSALONIKI: INDUSTRIAL PARK-SINDOS, S.B. 44,
STREET, DA 10, GR: 570 22,
Tel: +30 2310 795 797, +30 2310 797 365,
Fax: +30 2310 797 367

Email: info@durostick.com