



Thixotropic, ceramic tile adhesive



■ PROPERTIES

White cementitious adhesive for ceramic tiles, with extended open time, and zero vertical slip. Offers high mechanical strength on wall and floor installations, in thicknesses of up to 10mm. Classified C1TE per EN 12004.

■ APPLICATIONS

The tile adhesive EXPERT, is suitable for installing single and double-fired tiles of all types (small sizes for exterior applications, and all sizes for interior ones), on walls and floors made of lime or cement mortars. Its high thixotropy allows for tile installation on walls, even from top down, without slipping. Adding DUROSTICK ACRYLIC EMULSION in the mixing water, at a ratio of 1:1, further improves its characteristics to meet application requirements on

substrates subject to vibrations or strong expansions and contractions.

■ USE

1. Surface preparation

The application surface has to be sound, clean and free of loose materials, dust, paint, grease and oils. The surface has to be soaked before the application. It is necessary to prime all absorbent substrates and aircrete, using either DUROSTICK ACRYLIC EMULSION or D-20, at a mixing ratio of 1:1 with water. It is necessary to prime all gypsum boards using either the micromolar stabilizer AQUAFIX or SOLVENT BASED PRIMER of DUROSTICK. -Lightweight or else, unsound cement screeds, must necessarily be primed with DUROSTICK ACRYLIC EMULSION or D-20 at a ratio of 1 part additive to 2 parts water or 1 part DUROMAX to 5 parts water. Follow all balcony and



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terrace, bathroom and shower, fountain and swimming pool applications by coating the substrate with HYDROSTOP FLOOR or D-1, with 2-3 successive, crosswise coats to ensure the waterproofing of the substrate.

2. Application

Empty 25kg of the adhesive into a clean container with 6.5-7.0lt of cool water. Mix with a low rpm electric mixer until a lump free, homogeneous mass is created. Allow the mixture to mature for 5-10 minutes. During use mix periodically, without adding extra water. Apply the adhesive using a notched trowel and spread on the substrate evenly. Coat as much surface as is required to work for the next 15-30 minutes (depending on weather conditions), thus avoiding skin formation. Finally, install the tiles in the selected position by tapping softly with a rubber mallet.

■ CLEANING

Clean all tools with water, immediately after use.

■ CONSUMPTION

3-5kg/m², depending on the size of the notch of the trowel, the smoothness of the substrate and the dimensions of the tiles.

■ 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's packaging or the Safety Data Sheet.

■ PACKAGING

Paper bag of 25kg on 1.500kg pallet

TECHNICAL SPECIFICATIONS

(Measurement conditions 23°C and 50% R.H.)

■ Form - Color	Cementitious mortar - White
■ Bulk density of dry mortar	1.35±0.05kg/lt
■ Water requirement	6.5lt water per 25kg mortar
■ Application temperature	From +5°C to +35°C
■ Temperature resistance	From -35°C to +90°C
■ Application thickness	Up to 10mm
■ Pot life	Approximately 5 hours*
■ Time for minor adjustments	25 minutes*
■ Grouting	After 3-6 hours on wall. After 24 hours on floor
■ Foot traffic	After 24 hours
■ Delivery to use	After 10-14 days

PRODUCT PERFORMANCES

■ Open time per EN 1346	30 minutes*
■ Slip per EN 1308	≤ 0.5mm
■ Adhesion strength, per EN 1348, after:	
•28 days	1.25 N/mm ²
•Thermal ageing at +70°C	1.10 N/mm ²
•Water immersion for 21 days	1.00 N/mm ²
•25 freeze - thaw cycles	0.95 N/mm ²

*Depending on the weather conditions (temperature, humidity).

NOTE: The product exceeds the statutory requirements for C1 adhesive.

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