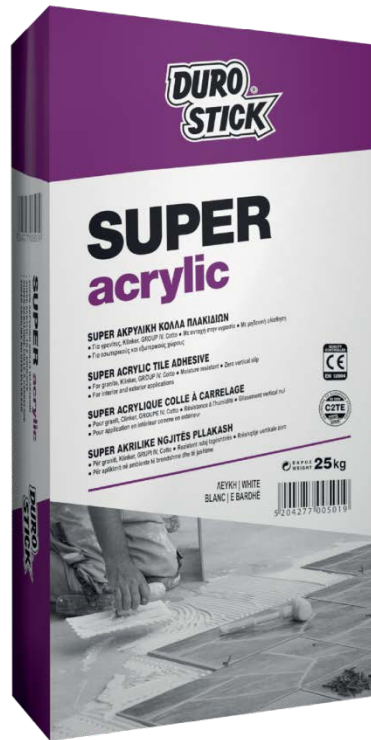


SUPER ACRYLIC



Tile adhesive



■ PROPERTIES

Cementitious adhesive for tiles, fortified with acrylic resins. Provides high quality and adhesive strength, with strong bonding ability, zero vertical slip, and extended open time. Once cured, it is resistant to moisture, frost, and the formation of fungi.

Classified C2TE per EN 12004

(MIRTEC/Cert. No. 3354).

■ APPLICATIONS

SUPER ACRYLIC is suitable for low and non-absorbent tiles, like klinker, cotto, granite, glass mosaic and porcelain tiles installed on cement screeds and plastered walls, both indoors and out. Recommended for installations on existing mosaic floors or floors that are subject to intense stresses. Adding DUROSTICK ACRYLIC EMULSION in the mixing water,

at a ratio of 1:1, further enhances its characteristics so as to meet the requirements of S1 class (deformable adhesive) per EN 12002. The improved (as per its flexibility) adhesive is suitable for floor radiant heating systems and for substrates subjected to intense expansions and contractions.

■ USE

1. Surface preparation

The application surface has to be sound, clean, 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 DUROSTICK ACRYLIC EMULSION or D-20, at a mixing ratio of 1:1 with water. It is necessary to prime all gypsum boards using the DUROSTICK micromolar stabilizer, AQUAFIX or

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SOLVENT BASED PRIMER. Lightweight or else, unstable cement screeds, must necessarily be primed with DUROSTICK ACRYLIC EMULSION or D-20 at a ratio of 1part additive to 2 parts water or 1 part DUROMAX to 5 parts water. Follow all balcony and terrace applications by coating the substrate with HYDROSTOP FLOOR or D-1, at 2-3 successive, crosswise coats to ensure the waterproofing of the substrate.

2. Application

Empty the adhesive into a clean container with cool water at a ratio of 2 parts water to 5 parts mortar (6.5-7.0lt water to 25kg mortar) and 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. Then, 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.

When working with medium and large format tiles the application of the adhesive is done by the method of double coat application, on the substrate, but also on the tile (tile back buttering).

■ NOTE

On exterior surfaces, it is highly recommended to create expansion joints every 16-20m². Prime the expansion joints with PRIMER-PU to improve grip, fill them with the backer rod of DUROSTICK, DS-265, and seal them with the polyurethane sealant, DUROFLEX-PU. Similarly, seal all the joints (5-8mm) at the junction of the tiles and vertical surfaces throughout the perimeter. Alternatively, the application of DS POLYMER sealant, available in 32 colors (same ones with the grout colors of DUROSTICK), ensures sealing without cracking at the junction of the tiles with the skirting and above it as well.

■ 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 package or the Material Safety Data Sheet.

■ PACKAGING

Paper bag of 25kg on 1.500kg pallet

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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
■ Slip per EN 1308	< 0.5mm
■ Water requirement:	6.5lt water per 25kg mortar
■ Application temperature	From +5°C to +35°C
■ Temperature resistance	From -35°C to +90°C
■ Pot life	At least 5 hours
■ Application thickness	Up to 10mm
■ Open time per EN 1346	30 minutes
■ Time for minor adjustments	30 minutes
■ Grouting	After 4-8 hours on wall, after 24 hours on floor
■ Foot traffic	After 24 hours
■ Delivery to use	After 12-14 days

PRODUCT PERFORMANCES	
■ Adhesion strength, per EN 1348, after:	
• 28 days	1.50 N/mm ²
• Thermal ageing at +70°C	1.30 N/mm ²
• Water immersion for 21 days	1.40 N/mm ²
• 25 freeze - thaw cycles	1.35 N/mm ²

The experimental measurements were performed per EN 12004, in the Chemical Laboratory of DUROSTICK and were confirmed by the measurements of initial type from MIRTEC (Cert. No. 3354).

NOTE: The product exceeds the statutory requirements for C2 adhesive.

	
DUROSTICK S.A. ASPROPYRGOS ATHENS PC:193 00 GREECE 07	
DoP No.: 006 EN 12004:2007 + A1:2012	
SUPER ACRYLIC Improved cementitious adhesive with reduced slip and extended open time. Interior - exterior use.	
- Reaction to fire:	Euroclass A1
- Release of dangerous substances:	see MSDS
Bond Strength as:	
- Tensile adhesion strength:	≥ 1.00N/mm ²
Durability for:	
- Tensile adhesion strength after heat ageing:	≥ 1.00N/mm ²
- Tensile adhesion strength after water immersion:	≥ 1.00N/mm ²
- Tensile adhesion strength after freeze-thaw cycles:	≥ 1.00N/mm ²

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