

## TECHNICAL DATA SHEET

# SUPER TILE ADHESIVE

### DESCRIPTION

**SUPER** is a high-quality cementitious tile adhesive reinforced with polymeric synthetic resins. It has strong adhesion, zero slip, is moisture resistant and has a long open time. It is used in all types of tiles both indoors and outdoors without slipping. It is classified as C2TE type according to EN 12004 and EN 12002.

### APPLICATION AREAS

**SUPER** adhesive is suitable for bonding small and large granite tiles and generally absorbent and non-absorbent tiles, wall or floor, on a variety of surfaces and especially where high adhesion, high workability and moisture resistance are required. It is applied both indoors and outdoors.

### APPLICATION INSTRUCTIONS

#### Surface preparation

The surface must be clean and free of loose spots, dust, paint, grease, oil and wetted before application.

#### Application

Empty the powder into a clean container with water in a ratio of 6,5lt water to 25kg adhesive.

Stirring is done with a low-speed drill, until a homogeneous mass without lumps is created. The installation is done with a notched trowel, spreading the adhesive on the substrate. Then we comb the surface and place the tiles in the selected position, tapping them gently with a rubber mallet.

### CONSUMPTION

3-5kg/m<sup>2</sup>

### CLEANING

Clean the tools immediately after use with water.

### STORAGE

12 months from the date of production in unopened package kept in a dry place

### SAFETY

Read carefully the label of the product before use. Detailed instructions regarding hazards and safety are provided in the Safety Data Sheet, which is available upon request.

### PACKAGING

25kg paper bag/1350Kg pallet.

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### Technical Data:

Form	cementitious powder	Adhesion strength after freeze-thaw cycles (EN 1348)	$\geq 1,0 \text{ N/mm}^2$
Color	white	Slip (EN 1308)	$\leq 0,5 \text{ mm}$
Open time	at least 30 min	Application thickness	up to 10mm
Application temperature	from 5 °C to 35 °C	Specific gravity of dry mortar	1,4 $\pm$ 0.03kg/L
Consumption	3-5kg/m <sup>2</sup>	Pot life	4 hours
Temperature resistance	from -25 °C to 90 °C	Water demand	6,5lt/25kg
Adhesion strength after 28 days (EN 1348)	$\geq 1,0 \text{ N/mm}^2$	Wall grouting	4-8 hours
Adhesion strength after heating in +70°C (EN 1348)	$\geq 1,0 \text{ N/mm}^2$	Floor grouting	24 hours
Adhesion strength after immersion in water (EN 1348)	$\geq 1,0 \text{ N/mm}^2$	Packaging	25kg paper bag




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### NOTICE

The technical information and instructions provided in this datasheet referring to the application and end use of PROLAT products are based on the company's expertise and experience with the products to date. They are provided in good faith under the condition that the products are stored, used, and applied in accordance with PROLAT's instructions. However, given our inability to directly oversee conditions at construction sites or during product application, the company cannot guarantee the suitability of its products for specific purposes, nor does it assume any legal responsibility based on the information provided in this brochure, whether written, oral, or otherwise communicated. Users are advised to conduct a small test to assess the suitability of the products for their intended application and purpose of use. The company reserves the right to modify the properties of its products without prior notice.

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<b>PROLAT S.A.</b> Production of Minerals and Mortars Afroditis 50 - P. Faliro, PC:175 61, Greece DoP No: 043-PROLAT-CPR	
EN 12004:2007+A1:2012 <b>SUPER TILE ADHESIVE</b> NB: 0437 Improved cementitious adhesive with reduced slip and extended open time, for internal and external tiling	
<b>Reaction to fire</b>	Class A2-s1,d0
<b>Release of dangerous substances</b>	See SDS
<b>Bond strength, as:</b>	
Initial tensile adhesion strength	≥ 1.0 N/mm <sup>2</sup>
<b>Durability, for:</b>	
Tensile adhesion strength after heat ageing	≥ 1.0 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion	≥ 1.0 N/mm <sup>2</sup>
Tensile adhesion strength after freeze-thaw cycles	≥ 1.0 N/mm <sup>2</sup>