

## TECHNICAL DATA SHEET

# SPECIAL TILE ADHESIVE

### DESCRIPTION

**SPECIAL TILE ADHESIVE** is a high-quality cementitious adhesive. It does not slip and it is used to bond all kinds of tiles to surfaces where high adhesion and performance are required. It can be used both indoors and outdoors.

It is classified as C1T type according to EN 12004 and EN 12002.

### APPLICATION AREAS

**SPECIAL TILE ADHESIVE** is suitable for application on small and large tiles to walls or floors and on various other surfaces where high adhesion is required. It can be used 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, mixing it with water at a ratio of 6lt of water to 25kg of tile adhesive. Stir the mixture using a low-speed drill until a homogeneous mass without lumps is achieved. Spread the adhesive evenly over the entire surface of the substrate using a suitable notched trowel. Apply pressure to the tiles and gently tap them with a rubber mallet during installation.

### CONSUMPTIONS

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

paper bag of 5 kg and 25kg/1350Kg pallet.



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### Technical Data:


Form	Cementitious powder	Slip (EN 1308))	≤0,5mm
Color	white	Application thickness	Up to 10mm
Open time	18-20 min	Specific gravity of dry mortar	1,40±0.03kg/l
Application temperature	From 5 °C to 35 °C	Pot life	4 hours (max)
Temperature resistance	From -20 °C to 60 °C	Water demand	6lt/25kg
Consumption	3-5kg/m <sup>2</sup>	Wall grouting	4-8 hours
Adhesion strength after 28 days (EN 1348)	≥0,5 N/mm <sup>2</sup>	Floor grouting	24 hours
Adhesion strength after heating in +70°C (EN 1348)	≥0,5 N/mm <sup>2</sup>	Minor adjustments open time	10-15 min
Adhesion strength after immersion in water (EN 1348)	≥0,5 N/mm <sup>2</sup>	Packaging	paper bag of 25kg and 5 kg
Adhesion strength after freeze-thaw cycles (EN 1348)	≥0,5 N/mm <sup>2</sup>		

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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: 003-PROLAT-CPR	
EN 12004:2007+A1:2012 <b>SPECIAL TILE ADHESIVE</b> NB: 0437 Cementitious adhesive with reduced slip, for internal and external tiling	
<b>Reaction to fire</b>	Class A1
<b>Release of dangerous substances</b>	See SDS
<b>Bond strength, as:</b>	
Initial tensile adhesion strength	≥ 0.5 N/mm <sup>2</sup>
<b>Durability, for:</b>	
Tensile adhesion strength after heat ageing	≥ 0.5 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion	≥ 0.5 N/mm <sup>2</sup>
Tensile adhesion strength after freeze-thaw cycles	≥ 0.5 N/mm <sup>2</sup>