

## TECHNICAL DATA SHEET

# GOLD FLEX TILE ADHESIVE

### DESCRIPTION

High-quality, particularly flexible, polymer and fiber-reinforced cementitious tile adhesive. It does not slip and has an extended open application time. It is used to bond all kinds of tiles to surfaces where high adhesion, flexibility and moisture resistance are required. It can be used both indoors and outdoors.

It is classified as C2TES1 type according to EN 12004 and EN 12002.

### APPLICATION AREAS

**GOLD FLEX TILE ADHESIVE** is suitable for application on absorbent and non-absorbent tiles, natural stone, decorative bricks, large size tiles, etc. It can be used on walls or floors and on various surfaces where high adhesion, elasticity and moisture resistance are required. It is applied indoors and outdoors surfaces.

### 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 7lt 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. The size of the trowel should be chosen based on the substrate and the type of tile being used. Tiles must be installed within 30 minutes of spreading the adhesive and definitely before a crust (film) forms on its surface. 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

25kg paper bag/1350Kg pallet.

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**Technical Data** (Measurement conditions 23°C and 50% R.H.):

Form	Cementitious powder	Deformability S (EN 12002)	2,9mm
Color	white	Slip (EN 1308)	≤0,5mm
Open time	At least 30 min	Application thickness	Up to 15mm
Application temperature	From 5 °C to 35 °C	Specific gravity of dry mortar	1,33±0.03Kg/L
Temperature resistance	From -35 °C to 90 °C	Pot life	6 hours
Consumption	3-5kg/m <sup>2</sup>	Water demand	7lt/25kg
Adhesion strength after 28 days (EN 1348)	≥1,5 N/mm <sup>2</sup>	Wall grouting	8-10 hours
Adhesion strength after heating in +70°C (EN 1348)	≥1,8 N/mm <sup>2</sup>	Floor grouting	24 hours
Adhesion strength after immersion in water (EN 1348)	≥1,2 N/mm <sup>2</sup>	Minor adjustments open time	10-15 min
Adhesion strength after freeze-thaw cycles (EN 1348)	≥2,1 N/mm <sup>2</sup>	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: 002-PROLAT-CPR EN 12004:2007+A1:2012 <b>GOLD FLEX TILE ADHESIVE</b> NB: 0437 Improved deformable 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>