

TECHNICAL DATA SHEET

BLOCK TILE ADHESIVE

DESCRIPTION

BLOCK adhesive is a high-quality cementitious tile adhesive for aerated concrete structural elements. It has strong adhesion, high adhesive strength, zero slippage and is moisture resistant. It can be used both indoors and outdoors without slipping. It is classified as C1T type according to EN 12004 and EN 12002.

APPLICATION AREAS

BLOCK tile adhesive is suitable for gluing/building structural elements made of aerated concrete.

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 6,5lt 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

10-15kg/m²

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	Adhesion strength after immersion in water (EN 1348)	$\geq 0,5 \text{ N/mm}^2$
Color	white	Adhesion strength after freeze-thaw cycles (EN 1348)	$\geq 0,5 \text{ N/mm}^2$
Open time	10-15 min	Slip (EN 1308))	$\leq 0,5 \text{ mm}$
Application temperature	From 5 °C to 35 °C	Application thickness	Up to 10mm
Temperature resistance	From -20 °C to 60 °C	Specific gravity of dry mortar	$1,40 \pm 0.03 \text{ kg/l}$
Consumption	10-15kg/m ²	Pot life	3 hours (max)
Adhesion strength after 28 days (EN 1348)	$\geq 0,5 \text{ N/mm}^2$	Water demand	6,5lt/25kg
Adhesion strength after heating in +70°C (EN 1348)	$\geq 0,5 \text{ N/mm}^2$	Packaging	paper bag of 25kg and 5 kg




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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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PROLAT S.A. Production of Minerals and Mortars Afroditis 50 - P. Faliro, PC:175 61, Greece DoP No: 044-PROLAT-CPR	
EN 12004:2007+A1:2012 BLOCK TILE ADHESIVE NB: 0437 Cementitious adhesive with reduced slip, for internal and external tiling	
Reaction to fire	Class A1
Release of dangerous substances	See SDS
Bond strength, as:	
Initial tensile adhesion strength	$\geq 0.5 \text{ N/mm}^2$
Durability, for:	
Tensile adhesion strength after heat ageing	$\geq 0.5 \text{ N/mm}^2$
Tensile adhesion strength after water immersion	$\geq 0.5 \text{ N/mm}^2$
Tensile adhesion strength after freeze-thaw cycles	$\geq 0.5 \text{ N/mm}^2$