

TECHNICAL DATA SHEET**THERMO TILE ADHESIVE****DESCRIPTION**

Cement-based elastic adhesive for high-performance thermal insulation boards. It has great adhesive strength both to the substrate and to insulating materials, and is resistant to temperature fluctuations

It is classified as type GP: CS IV/W2 according to EN 998-1

APPLICATION AREAS

The **THERMO TILE ADHESIVE** is suitable both for bonding thermal insulation boards to the wall, and for the application-coating with mesh on the insulators. It is applied on walls made of concrete, plaster, bricks or cement blocks.

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 at a ratio of 6 lt of water per 25 kg of the adhesive. Stir with a low-speed drill, until a homogeneous mass without lumps is created. Installation is done with a notched trowel or trowel, spreading the adhesive on the substrate.

CONSUMPTION

As adhesive: 3-4 kg/m²/mm.

As reinforced mortar: approx. 1.5 kg/m²/mm.

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	Compressive strength	25,7 N/mm ²
Color	white	Adhesion to concrete (28 days)	1,1 N/mm ²
Open time	at least 30 min	Capillary water absorption	≤ 0,2 kg/m ² min ^{0,5}
Application temperature	from 5 °C to 35 °C	Thermal conductivity (λ _{10,dry})	0,49 W/(m.K)
Consumption	As adhesive: 3-4 kg/m ² /mm. As reinforced mortar: approx. 1.5 kg/m ² /mm.	Water vapor permeability coefficient (μ)	7
Specific gravity of dry mortar	1,46±0.05kg/lt	Water demand	6lt/25kg
Pot life	4 hours	Reaction to fire	Class A1



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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: 008-PROLAT-CPR
EN 998-1:2016 THERMO TILE ADHESIVE General purpose rendering mortar (GP) for external and internal use Reaction to fire: Class A1 Adhesion: 1.1 N/mm² – FP:A Water absorption: W2 Water vapor diffusion coeff.: μ:7 Thermal conductivity: (λ_{10, dry}) 0.49 W/mK (tab. value) Durability (against freeze/thaw): NPD Dangerous substances: See SDS