

## TERMO WACOL<sup>®</sup> ADHESIVE MORTAR FOR THERMAL INSULATION PLATES WITH FIBRES



### ADHESIVE MORTAR FOR THERMAL INSULATION WITH FIBRES

---

#### SCOPE OF USE

- For bonding expanded polystyrene (EPS) boards;
- For bonding extruded polystyrene (XPS) boards (skinless) – façade;
- For bonding mineral wool;
- For application with all kinds of mineral basis;
- Suitable for newly built buildings and for renovation of old buildings;
- A component of thermal insulation systems.

---

#### PROPERTIES:

- High adhesion to EPS/XPS;
- High adhesion to mineral basis;
- High steam permeability;
- Hydro and frost resistant;
- With increased strength and mechanical resistance due to the fibres containing in it.

---

#### CLASSIFICATION

- Complies with the requirements of the European and Bulgarian legislation.
- Meets the requirements of BDS EN 13499:2004.
- Protocol from testing No. 995-3-355/16.12.2014.

**TECHNICAL CHARACTERISTICS****INDEX****VALUE**

Composition:	Dry powder mixture of cement base, high quality polymer and cellulose supplements.
Tensile adhesion strength to concrete base	
- at standard conditions	≥ 0,25 N/mm <sup>2</sup>
- after submerging in water for 2 days and drying for 2 hours	≥ 0,08 N/mm <sup>2</sup>
- after submerging in water for 2 days and drying for 7 days	≥ 0,25 N/mm <sup>2</sup>
Tensile adhesion strength to EPS	
- at standard conditions	≥ 0,08 N/mm <sup>2</sup>
- after submerging in water for 2 days and drying for 2 hours	≥ 0,03 N/mm <sup>2</sup>
- after submerging in water for 2 days and drying for 7 days	≥ 0,08 N/mm <sup>2</sup>
Reaction to fire	class A1
Packaging	paper bag with weight 25 kg
Indicative consumption	4,5 ÷ 8,0 kg/m <sup>2</sup> (depending on the smoothness of the base and the method of applying the adhesive).
Storage	Store in tightly sealed original packaging in dry and cool place. Keep away from moisture!
Expiration date	The product is good for use 12 months after production date in an unopened original packaging.

**DIRECTIONS FOR USE****PREPARATION****OF THE BASE**

The base should be clean, dry and stable. All flimsy areas and layers with low mechanical resistance should be removed in advance.

**WORKING CONDITIONS**

Tiling is done in dry weather at temperature of the base and ambient temperature + 5°C to + 30°C and air humidity below 65%.

Do not mix with cement, sand and other materials, since this leads to a deterioration of the quality of the adhesive.

**PREPARATION  
OF THE SOLUTION**

In a clean stainless steel container pour about 6,25 l clean water and gradually add the contents of the bag (25 kg). Stir the ready mixture with an electric stirrer until reaching homogeneous mixture without lumps. Leave the mixture to "mature" for about 10 min and then stir again. The ready-made mixture preserves its properties for about 2 hours at temperature 20-25°C.

**APPLICATION**

The prepared solution should be applied at a 4-5 cm wide strip along the board edges and at a few spots (3 to 6) in the middle with a diameter 7-8 cm. Then immediately mount the board to the wall evenly pressing it to the wall. Board alignment should be performed bottom-up. On the edges of the building the insulation boards are tooth crossed. After it bonds (about 2 days) the boards should be grinded (if necessary) and then mechanically anchored. The number of dowels depends on the specific conditions and specifics of the construction site, but should not be less than 6 per square meter.

**CLEANING  
TOOLS**

Right after use the tools are cleansed with water. After drying they are mechanically cleaned.

---

**SAFETY INSTRUCTIONS**

---

**SYMBOLS FOR HAZARD****ATTENTION****DESCRIPTION  
OF THE HAZARDS**

Contains cement.  
Quantity of soluble chrome (VI) within the readymade mass of the product is  $\leq 0,0002\%$ .

**HAZARD STATEMENTS:**

- |       |                                      |
|-------|--------------------------------------|
| H 315 | Causes skin irritation.              |
| H 317 | May cause an allergic skin reaction. |
| H 318 | Causes serious eye damage.           |
| H 335 | May cause respiratory irritation.    |

**PRECAUTIONARY STATEMENTS:**

- P 102 Keep out of reach of children.
- P 261 Avoid breathing dust.
- P 280 Wear protective gloves / protective clothing / eye protection / face protection.
- P303+  
P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P 305 +  
P 351 + P 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P 301 + P 310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

---

The information contained in this Data Sheet is based on the knowledge we have to the date of the latest version. The user must verify that the information meets, is suitable and complete for each specific use of the product. This document should not be regarded as a guarantee for any specific feature of the product.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility to comply with all applicable laws and rules concerning the applicability of the product, health and safety. The producer is relieved from any liability arising from misuse.

---