



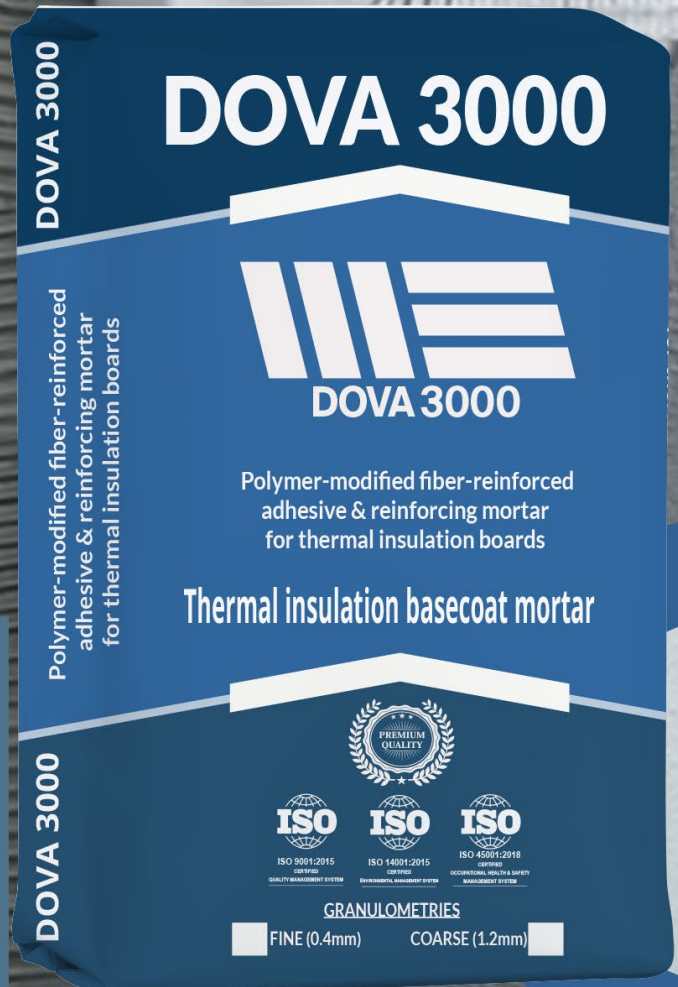
# BODOVA LTD.

## DOVA 3000

Polymer-modified  
fiber-reinforced adhesive  
reinforcing mortar &  
for thermal insulation boards



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# DOVA 3000

## Polymer-modified fiber-reinforced adhesive & reinforcing mortar for thermal insulation boards

### DESCRIPTION

DOVA 3000 is a single-component fiber reinforced, resin-modified cement based adhesive, ideal for bonding and coating of thermal-insulation boards in external thermal-insulation systems. It satisfies the requirements of adhesive type C2 according to EN 12004 and is classified as a general purpose (GP) rendering mortar type CS III of low water absorption W 2 according to EN 998-1.

### Application

DOVA 3000 used as adhesive, is suitable for the adhesion of all types of thermal insulation boards, made of expanded/extruded polystyrene, mineral wool, cork, etc., on concrete, plaster or brickwork surfaces. In addition, is used as basecoat for cement board, or reinforced with fiberglass, suitable for smoothing insulation boards.

### Advantages

- ❖ Ready for use mortar, just with addition of water.
- ❖ Excellent adhesion to substrate due to its composition of organic polymers and synthetic resins.
- ❖ Minimizes the risk of cracking because of its non- shrinking ability.
- ❖ Quick and easy to apply.
- ❖ Thixotropic, application to vertical surfaces without flowing.
- ❖ High initial strength.
- ❖ Waterproof, weather and frost resistant after hardening.
- ❖ Flexible.



# DOVA 3000

## Method of use

Must prepare the substrate in order to be clean of loose pieces, as well as peeled off paints and oils. Wet the surface before application.

- ❖ Do not apply at temperatures below 5°C and above 35°C or during rain. When the application temperature is at 5-8°C, then the mixing and saturation water of the substrate is recommended to be warm to hot. At 30-35°C, water is recommended to be cold.
- ❖ Protect surfaces from sun, wind and rainfall and do not apply the mortar with rain or strong wind.
- ❖ Do not use the product for adhesion to metal or wooden surfaces.
- ❖ The product contains cement and is classified as irritant.
- ❖ Clean tools immediately after use with water.

## Consumption

- ❖ As adhesive: 2-4 kg/m<sup>2</sup> depending on the substrate. As basecoat: 1.5 kg/m<sup>2</sup> for thickness of 1 mm.

## Storage

- ❖ It can be retained at least 12 months from its production day, in unopened package protected from the moisture.

## Packaging

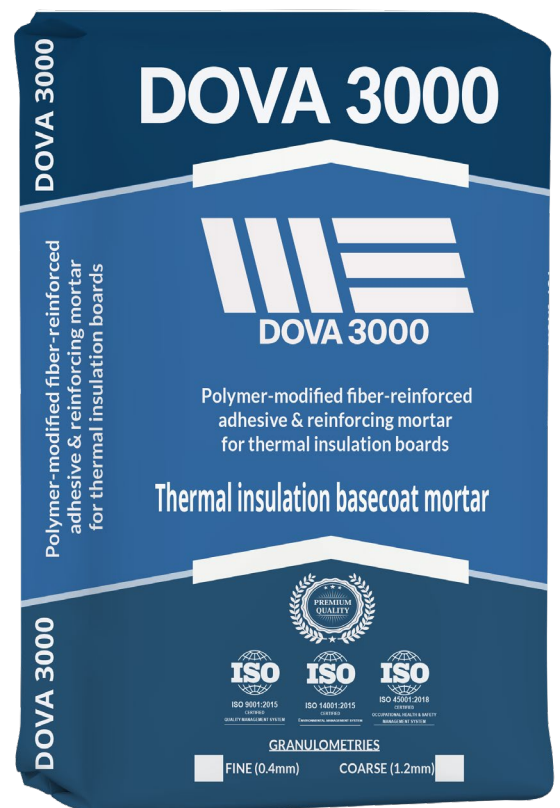
- ❖ Bags of 25 kg. / 54 bags / Pallet: 1.350 kg

## Colors

- ❖ Available in white and grey.

## Certificates

The product is certified according to EN 998-1 as a general purpose (GP) rendering mortar for external use type CS III of low water absorption W 2.



# DOVA 3000

Specifications	
Form	Powder
Color	White, Grey
Bulk density	1.40 ± 0.04 g/cm <sup>3</sup>
Mixing ratio	6.5 L water / 25 kg powder
Pot life	5-6 hours
Open application time	>30 min
Temperature application	+5°C to +35°C
<u>Adhesion strength according to EN 12004</u>	
Initial adhesion strength	0.6 N/mm <sup>2</sup>
After water immersion for 2 days	0.3 N/mm <sup>2</sup>
After water immersion for 2 days and at standard conditions for 7 days	0.6 N/mm <sup>2</sup>
<u>Adhesion strength to EPS for 28 days</u>	
Initial adhesion strength	0.6 N/mm <sup>2</sup>
After water immersion for 2 days	0.2 N/mm <sup>2</sup>
After water immersion for 2 days and at standard conditions for 7 days	0.7 N/mm <sup>2</sup>
Compressive strength (EN 1015-11)	4.67 N/mm <sup>2</sup> (CS III)
Adhesion (EN 1015-12)	1.28 N/mm <sup>2</sup>
Capillary water absorption (EN 1015-18)	0.055 kg/m <sup>2</sup> h <sup>0,5</sup> (W 2)
Water vapour permeability coefficient (EN 1015-19)	μ 30
Thermal conductivity (EN 1745)	0.42 W/mK
Ready to be used	After 24 hours
Temperature durability	-20°C to +80°C



ISO 9001:2015  
CERTIFIED  
QUALITY MANAGEMENT SYSTEM  
970424A



ISO 14001:2015  
CERTIFIED  
ENVIRONMENTAL MANAGEMENT SYSTEM  
970424B



ISO 45001:2018  
CERTIFIED  
OCCUPATIONAL HEALTH & SAFETY  
MANAGEMENT SYSTEM  
970424C





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