

# VT-10

## Waterproofing Cementitious Brushable Mortar



**VITEX THERM**

Σύστημα Εξωτερικής Θερμομόνωσης  
Thermal Insulation System



One component ready industrial mortar based on Portland cement, selected aggregates and special additives to improve waterproofing and water-tightness.

Used for waterproofing of masonry concrete and plaster, by way of precaution or repair. It has excellent adhesion to the substrate. It can be used by simply mixing with water, or in combination with the acrylic resin VT-20, when enhanced waterproofing and elasticity is needed as the seal of the External Thermal Insulation System VITEX THERM. The product complies with the European standard EN 1504-2.

- **For waterproofing of masonry concrete and plaster**
- **Excellent adhesion to the substrate**

### COLOURS

Available in grey.

### PACKAGING

Available in 25 Kg bags.

### SPREADING RATE

2.5 - 3 Kg of mortar /m<sup>2</sup> for 2 mm of thickness (two successive layers of 1mm).

### SURFACE PREPARATION

Surfaces must be clean, dry and free from dust, grease and loose materials. Repair the gaps and holes, if any. The surface is moistened before and after application, especially in the summer months.

### APPLICATION

For External Thermal Insulation System VITEX THERM it is suggested to use VT-20 mortar emulsion improver. Add the VT-10 of 25 Kg to 5 Kg of acrylic resin VT-20 under constant stirring, to get a homogeneous paste suitable for coating. Apply the product with special hard-bristle brushes in two or more coats (the desired thickness per coat is 1 mm). Apply the next coat crosswise before the previous one dry well.

For other uses add VT-10 in water under stirring (8.5 Kg water / bag) until you get a homogeneous paste.

The content of the bag should be protected from humidity. Do not add excessive amounts of water, because it can reduce the product's strength and cause cracks. Not recommended for use in extreme environmental conditions, frost or heatwave (Application temperature: 5°C to 35°C).

Tools must be cleaned immediately after use with water and if needed with soapy water or a detergent.

The above application guidelines are indicative, for the correct use of the product. For more technical details please contact the company's technical department.

### TECHNICAL CHARACTERISTICS

Density	1,75 Kg /cm <sup>3</sup> (wet mortar)
Grading	0-0,5mm
Compressive strength (28 days)	20,0 MPa (EN 1015-11)
Flexural strength (28 days)	5,0 MPa (EN 1015-11)
Water vapour permeability	S <sub>D</sub> =0,24m Class 1 (EN ISO 7783-1)
Capillary water absorption	0,05 kg/m <sup>2</sup> .h <sup>0.5</sup> (EN 1062-3)
Adhesion	≥2 MPa (EN 1542)
Fire behavior	Not flammable.

### STORAGE

Maximum storage time in unopened packaging and dry environment: 18 months from production date.

### SAFETY ADVICE

Read label before use. For further instructions - precautions see Material Safety Data Sheet.

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Thermal Insulation System

**CE**

VITEX – YANNIDIS BROS S.A.  
P.O. BOX 139 IMEROS TOPOS, ASPROPYRGOS GR 19300  
14  
DoP VIT-CPR-0013

EN 1504-2  
Surface protection - Coating – Moisture control  
Sealant, cementitious, brushable mortar

VT-10

Water vapour permeability	$S_D = 0,24\text{m}$ (class 1)
Capillary absorption	$w = 0,05 \text{ kg/m}^2 \cdot \text{h}^{0,5}$ - Category $W_3$ (low)
Adhesion strength	$>2,0 \text{ N/mm}^2$
Reaction to fire	Euroclass A1
Dangerous substances	Complies with §5.3