



## TRADITERM® PROYECTABLE WALACE SYSTEM



### DESCRIPTION

Single-component white mortar with extraordinary adhesion to polystyrene and very low capillary absorption of water. Designed for application as an adhesive for WalAce PANEL EPS panels and as a reinforced coating of the same. Admits the finishes from the UNOFIN ACRYLIC range mortar. It can be applied for the rehabilitation of façades, reinforced base layer on plaster or cement-based re-grown supports. For this application the finish will be from the UNOFIN ACRYLIC range. It can be applied by hand or by projection.

### TECHNICAL CHARACTERISTICS

Product based on white cement, aerial lime, calcareous aggregates, natural fibers, additives and redispersable resins.

### ADVANTAGES AND USES

- Multi-purpose: adhesive mortar for insulation boards and also as a reinforced protecting render.
- Optimal adherence and excellent cohesion.
- Excellent workability.
- Very low water permeability in liquid phase.
- Optimal permeability to water vapour.
- Excellent resistance to aging even if subjected to heat cycles as a finishing coat for system.

### SUITABLE SUBSTRATES

- Only to be used on the following vertical substrates:
  - Masonry walls built from all types of small elements ceramic bricks, Monomur, normal or light weight concrete block (cellular concrete).
  - Reinforced concrete after conditioning.
  - Renders, cement-based mortars and one coat mortars in good condition.
  - Expanded polystyrene.
- The mortar, and the complete system cannot be applied to uncovered walls inclined more than 10°.
- Substrates must be clean, sound, stable and damp but not soaked with water. They must have sufficient mechanical resistance and they must be free from any product that could impede bonding, such as plaster, demoulding agents and paint.
- Any deviation of flatness above 1 cm (measured with a 2 m rule) must be repaired at least 24 before application with one of the mortars accepted as a substrate for the system.

# WALACE EXTERNAL THERMAL TRADITERM® PROYECTABLE

## APPLICATION PROCEDURE

Previously prepare the substrate, apply the primer UNOFIN ANCILLARY PRIMER to the low-absorbent surfaces (concrete) and fix the base profile.

### Mixing with manual mixer:

Mix the mortar with 5 to 5.5 litres of clean water per bag until a uniform paste free of lumps is obtained. Leave to rest for a few minutes and lightly mix.

### Mixing with mechanical mixing and spraying machine:

- *Continuous:* Start with a high volume of water to facilitate the first stage in the pump and progressively reduce the amount until the desired consistency for the work has been obtained. Maintain this consistency.
- *Discontinuous mixing:* Fill the mixer with sufficient water for the total bags to be mixed (5 to 5.5 litres per bags), add the contents of the bags progressively. Once mixed, leave the mixture for 5 minutes until a uniform paste has been obtained, without lumps and of the appropriate consistency. It is preferable to add a less quantity of water at the beginning of the process and add the rest of water after all the bags of product has been introduced to obtain a precise consistency.

### Use as an adhesive mortar for the boards.

#### With a notched trowel (for smooth substrates):

1. Spread the mortar over the surface of the board.
2. Adjust the thickness with a notched trowel in a 20 mm half moon shape.
3. Remove the mortar at least 2 cm from the edge of the board to avoid filling the joint between boards with the mortar.

#### With the «roll» method:

1. Spread the mortar by rolling with sufficient thickness parallel to the perimeter of the board and 2 cm from the edge. Leave openings. Do not form a closed rectangle with the mortar to eliminate air behind the board bonded to the wall.
2. Inside the rectangle, place plots of mortar of 10-15 cm in diameter and similar thickness to the rolled product.

### Bonding the boards:

Once the TRADITERM PROYECTABLE has been applied to the back of the board following one of the methods described above, and before the surface of the mortar loses its adhesive capacity, apply the board to the substrate in the chosen place and press slightly by hand and then with more intensity with a trowel to leave the edges of the board at the same level as the boards and surrounding profiles.

### Use as render of the boards:

At least 24 hours after bonding, and having already nailed the mechanical anchors, install the reinforcement in the corners and eliminate the burrs and differences in level between plates by using emery.

Spread mechanically or by trowel a layer of the mortar on the slabs and "brush" it with a trowel 8 mm square. Completely embed the WalAce MESH in this layer so as to that there is an overlap of at least 10 cm between vertical strips and the reinforcement strips at the corners of all the openings.

Before it has finished setting, apply a new coat of TRADITERM PROYECTABLE mortar until a minimum total thickness of 4 mm is reached. This layer can be smoothed if the finish is to be a thin coating (UNOFIN ACRYLIC range).

## RECOMMENDATIONS

- Do not apply the product without prior protection measures at temperatures lower than 5 °C or higher than 30 °C, exposed to direct sunlight or strong wind.
- Do not apply if heavy rain or temperatures lower than 0 °C are forecast in the following 24 hours.
- It is prohibited to use the product on horizontal or inclined surfaces of more than 10° outside and uncovered.
- Respect buildings' structural joints.
- Protect the upper part of the system as soon as possible to prevent rain from entering.

## PACKAGING AND STORAGE

25 kg bag.

# WALACE EXTERNAL THERMAL TRADITERM® PROYECTABLE

## TECHNICAL DATA

Shelf life: up to 12 months in sealed original packaging, sheltered from humidity.

(Results obtained under standard conditions)

|                                          |                                                   |
|------------------------------------------|---------------------------------------------------|
| Appearance                               | White powder                                      |
| Apparent density of non-compacted powder | 1,300 ± 100 (kg /m <sup>3</sup> )                 |
| Product density of paste                 | 1,600 ± 100 (kg /m <sup>3</sup> )                 |
| Water retention                          | > 96 %                                            |
| Hardened product density                 | 1,400 ± 100 (kg /m <sup>3</sup> )                 |
| Theoretic yield as render                | approx. 1.6 Kg/m <sup>2</sup> per mm of thickness |
| Theoretic yield as an adhesive           | 5 - 10 Kg/m <sup>2</sup>                          |
| Classification according to EN 998-1     | GP                                                |
| Water absorption                         | W2                                                |

## LEGAL DISCLAIMER

The instructions for use are given according to our tests and knowledge and do not imply any commitment by PIDILITE GRUPO PUMA nor free the consumer from the examination and verification of the products for their correct use. Claims must be accompanied by the original packaging to allow a proper traceability.

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