

## Bonding rendering and reinforced undercoating for ARMATERM thermal insulation systems. Surfacing/wall smoothing.

PHASE AQUEUSE



FDES  
vérifiée

### PURPOSE

Acrylic rendering paste to be mixed with cement when about to be used.

- Bonding/fixing product for insulating boards and preparation of reinforced undercoating for ARMATERM thermal insulation systems.  
(Refer to the ETA and/or specific technical file of the system used.)

- Bonding rendering for marble aggregates to be sprayed when using the ARMATERM MARBRE finish (see specific technical file).
- Renovation of ETICS after stripping. See specific technical file.
- Mineral facing surfacing (stoneware, glass ceramic), repair or general dressing or of hydraulic surfaces in refacing works (2 to 4 mm/coat).

### SURFACES

Usual mineral building bases free from any coating:

- Bricks and terracotta blocks.
- Bare or coated masonry elements.
- Limestone, glass ceramics, stoneware.

Approved construction boards for light buildings (fibre cement, wood-cement composite or polymer wood...).

Reinforced undercoating over thermal insulator in accordance with the applicable ETA (EPS, mineral wool...).

EPS shuttering blocks subjected to technical advice (general use conditions acc. to CSTB book no. 263.2).

### MAIN FEATURES

- Adherence on all usual mineral surfaces.
- Steam permeability.
- Reinforces the system's mechanic stability.
- Good workability, flexible use.
- Manual or mechanical application.
- Fast drying, hardening, and painting.
- Fungistatic quality.
- Fine and regular aspect for easy paint finishes.

### IDENTIFICATION CHARACTERISTICS

In accordance with official standards or, if none applicable, with internal standards.

<b>Aspect</b>	Paste for mixing with 30 % weight of grey cement just before use. Usable life of the mixture: ca. 2 hours by 20°C.
<b>Dry Matter</b>	77 ± 2 %
<b>Density</b>	1.50 ± 0.10
<b>pH</b>	9.0 ± 0.5
<b>Flash Point</b>	n/a
<b>VOC Concentrations</b>	2 g/l max. EU threshold value for this product (A/c cat): 40 g/l.
<b>Application Thickness</b>	Minimal dry thickness of the reinforced undercoating: 2.5 mm (EPS) to 4 mm (mineral wool). Smoothing/dressing: 2 to 4 mm per coat.
<b>Drying Time (20°C, 65 % RH)</b>	Between coats: Min. 24 hrs. Fresh on fresh recoating possible with reinforced undercoating. Paint finish: Min. 24 hrs depending on thickness. <i>Drying delayed by cold and damp weather.</i>
<b>Consumption of the Prepared Product</b>	<ul style="list-style-type: none"> <li>• Bonding/fitting of the insulating boards: 3.0 to 3.5 kg/sqm.</li> <li>• Reinforced undercoating: 5.5 to 6 kg/sqm over EPS and ca. 8.5 kg/sqm over mineral wool.</li> <li>• Repairing: ca. 1.7 kg/sqm par dry mm thickness in usual parts.</li> </ul>
<b>Classification</b>	NF T36-005: Family II class 2b.
<b>Colours</b>	Light grey
<b>Packaging</b>	25 kg

## USE

Refer to the ETA and/or the relevant technical file for thermal insulation works.

Surfaces, preparatory work and application conditions must comply with the applicable standards/DTU (French standards) for all other works.

### Base Preparation

Bases must be sound, dry, cohesive and consistent with the product application.

They must be free from any paint or treatment.

They must be plane and regular (irregularities < 1 cm).

They may require the following jobs:

- Trim important reliefs with a scraper or grinder (Tyrolean for example).
- Remove non-adherent or greasy parts through scraping, brushing, sanding, HP washing...
- Remove paints or coatings.
- Remove micro-organisms: FONGIMOUSSE PLUS.
- Stoneware, glass ceramic: sound, remove any hollow sounding tiles and repair.

### Product Application

#### Preparation of the Product

- Prepare the rendering by adding 30 % in weight of grey cement to ARMATERM COLLE (such as CPJ 32.5 or 42.5). Mix with a slow mechanic blender until obtaining a homogeneous and lump free paste.
- Practical usable life of the mixture: ca. 2 hours by 20°C.

#### Process

For thermal insulation systems:

- **INSULATOR BONDING/FITTING:** application in spots, beads or onto full-surface (snootched trowel).
- **REINFORCED UNDERCOATING:** sanding of insulating boards if necessary (EPS) and 2-coat application with a stainless steel trowel with 24 hr interval in-between.

- Rub the membrane in the first fresh coat (width lapping ca. 10 cm). The second coat must cover this membrane entirely. Smoothen carefully.

Fresh-on-fresh recoating possible by letting harden ca. 2 hrs between coats.

#### Equipment

- Manual application: stainless steel trowel, snootched trowel.
- Mechanical application: render spraying lance for slurry texture (6 to 7 mm nozzle).

#### Dilution

Product ready-for-use after addition of cement.

Up to 2 % water by strong heat.

#### Equipment Cleaning

WATER, immediately after use.

#### Practical Advice

- Conditions of Application:
  - Ambient and surface temperature above 5°C (caution if T > 35°C).
  - Dry weather, sheltered from strong winds and direct sunlight.
- The associated finish is to be applied after complete drying of the reinforced coating.

## CONSERVATION

- 24 months in original unopened packaging.
- Store away from frost and temperatures above 35°C.

## HEALTH, SAFETY, AND ENVIRONMENT

### Refer to

- The safety information label on the packaging.
- The Safety Data Sheet (Fiche de Données de Sécurité) on the INTERNET: [www.zolpan.fr](http://www.zolpan.fr)
- The Environmental and Sanitary Declaration Sheet (FDES) "Enduits des systèmes ITE - Pâte organique et ciment" on the INTERNET: [www.inies.fr](http://www.inies.fr)

IMPORTANT NOTICE REGARDING THE ZOLPAN TECHNICAL SHEETS: This version cancels and supersedes previous editions. It is our customers' responsibility to check that they have the latest edition before using the product. The information given in this sheet only has an indicative value and cannot replace the specific data relating to the type and condition of the surface to be treated.



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