

Reinforced undercoating for ARMATERM SC thermal insulation systems. Renovation of ETICS.

PHASE AQUEUSE



EXT



FDES
vérifiée

PURPOSE

Ready-for-use acrylic paste rendering.

- Implementation of reinforced undercoating when using ARMATERM SC thermal insulation systems.
- Bonding product for insulating boards when working with the ARMATERM BOIS system. Refer to the ETA and/or the technical file of the system used.
- Maintenance/renovation of ETICS. Product in accordance with the "ETICS Professional Regulations", K4 class works. Refer to the specific technical file.

- Bonding rendering for sprayed marble aggregates when working with ARMATERM MARBRE SC FX (check specific technical data sheet).
- Repairing of bare or coated surfaces in classic refacing works (up to 5 mm par coat). Particularly recommended for the renovation of the planimetry of old RPE or debubbling/smoothing of painted bases.

Once dry, ARMENDUIT FX provides a fine-grained "ready to paint" finish.

SURFACES

- Thermal insulator in accordance with the applicable ETA.
- Concrete and rendering based on hydraulic binders.
- Approved construction boards for light buildings (wood and derived products, fibre-cement, wood-cement composite or polymer wood, etc.)
- Old paints or adhesive coatings in good condition (organic and mineral).

MAIN FEATURES

- Product ready for use.
- Suitable to all mineral bare or coated surfaces.
- Allows the surfacing of structured bases.
- Good flexibility, can be applied in millimetric coat.
- Fungistatic quality.
- Good water steam permeability.
- Manual or mechanised application.
- Flexibility, ease of use.
- Mechanised application possible (large jobs).
- Tintable with ZOLPACHROM 3.
- Fine and regular aspect to ease paint finishes.
- Product in aqueous phase: easy and safe use, environmentally friendly.

IDENTIFICATION CHARACTERISTICS

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

Aspect	Ready-for-use soft paste.
Dry Matter	83 ± 2%
Density	1.55 ± 0.10
pH	9 ± 0.5
Flash Point	n/a
VOC Concentrations	Max. 2 g/l. EU threshold value for this product (A/c cat.): 40 g/l.
Application thickness	Reinforced undercoating: 1.8 mm. Minimal use dry thickness. Smoothing/dressing: up to 5 mm per coat.
Drying Time (20°C, 65% RH)	Between coats: minimum 24 hours. Fresh-on-fresh recoating possible when working with reinforced undercoating. Paint finish: minimum 48 hours, depending on thickness. <i>Drying significantly delayed in cold and damp weather (see practical advice).</i>
Consumption	Reinforced undercoating: 3.5 to 4 kg/sqm Repair: ca. 1.7 kg/sqm per dry thickness mm for main areas.
Classification	NF T36-005: Family II class 2b.
Colour	Sand. ZOLPACHROM 3 system (white/PA base) to make renderings in similar colours as that of the finish.
Packaging	25 kg.

USE

Refer to the ETA and/or the technical file of the system relating to the thermal insulation works. Surfaces, preparatory work and application conditions must comply with applicable standards/DTU (French standards) for all other refacing works.

Base Preparation

Bases must be sound, dry, cohesive and consistent with the product application. They must be flat and even (irregularities < 1 cm).

They may require the following operations:

- Trimming important reliefs through scraper or grinder (such as rolled RPE or Tyrolean render).
- Probing, eliminating non-adherent or blistered parts.
- Removing micro-organisms: FONGIMOUSSE PLUS.
- Cleaning by brushing, scraping, HP washing...
- ZOLPAFIX GRANITÉ impression over old chalking paints or ZOLPAFIX GRÈS-CÉRAMÉ over hard, non porous coatings such as polyurethane; otherwise, direct application.

Product Application

Process

When using thermal insulation systems:

BONDING THE INSULATOR (ARMATERM BOIS and ARMATERM SURIZOL systems): spot, bead or full-surface application after adding 2 measures of ARMENDUIT ACCÉLÉRATEUR (2 kg/25 kg ARMENDUIT FX).

REINFORCED UNDERCOATING: sand the insulating boards if necessary and apply in 2 coats with minimum 24 hour interval, using a stainless steel trowel.

Rub the membrane in the first fresh coat (width lapping ca. 10 cm).

The second coat must cover this membrane entirely. Smoothen carefully.

One-coat application possible. In this case, apply ARMENDUIT FX at 4 kg/sqm and rub the membrane with a stainless steel trowel until complete covering, then smooth/even with a 50 cm coating knife.

Equipment

- Manual application: Stainless steel trowel, coating knife.
- Mechanised application: render spraying machine with lance for slurry texture (6 to 7 mm nozzle).

Dilution

Product ready for use.

Equipment Cleaning

WATER, immediately after use.

Practical Advice

- Application Conditions:
 - Ambient and surface temperature above 5°C (caution if T > 35°C).
 - Dry weather, sheltered from strong winds and direct sunlight.
- Possibility to accelerate the process of imperviousness to rain and the drying of the reinforced undercoating in case of temporarily difficult atmospheric conditions (rain, cold, humidity) by adding 2 measures of ARMENDUIT ACCÉLÉRATEUR (2 kg of accelerator for 25 kg of ARMENDUIT FX). See specific technical data sheet.
- Proceed with the application of the associated finish after complete drying of the reinforced rendering.

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
- The Environmental and Sanitary Declaration Sheet (FDES) "Enduits des systèmes ITE à base pâte organique prête à l'emploi" on the INTERNET: www.inies.fr

IMPORTANT NOTICE REGARDING THE ZOLPAN TECHNICAL SHEETS: 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.



Zolpan sas: 17 quai Joseph Gillet - 69316 Lyon cedex 04 - Tél: 04 72 10 70 60 - Fax: 04 72 10 70 73
www.zolpan.fr - SIREN: 972 503 387 - N° RCS: 972 503 387 RCS LYON - CAPITAL SOCIAL: 6 127 440 €