

Range of structured finishes for ARMATERM thermal insulation systems.  
Refacing works, D3 class.

PHASE AQUEUSE



FDES  
vérifiée

## PURPOSE

- Structured finishes for ARMATERM thermal insulation systems.  
Refer to the ETA and/or technical file of the system used.
- Maintenance/renovation of ETICS, K4 class works in accordance with "ETICS professional rules". Refer to the specific technical file.
- Thick plastic coatings (RPE) for all types of refacing works in new buildings or as maintenance jobs.  
Available in different finishes:
  - ARMATERM 101 FX: coarse ribbed finish.
  - ARMATERM 201 FX: medium ribbed finish.
  - ARMATERM 202 FX: medium trowelled finish.
  - ARMATERM 301 FX: coarse trowelled finish.
  - ARMATERM 401 FX: rustic finish (rolled).

## SURFACES

Thermal insulator filled with its reinforced undercoating (systems under ETA).  
 Approved construction boards for light buildings (wood and derived products, fibre-cement, wood-cement composite, polymer wood...).

Old adherent paints in good condition.

## MAIN FEATURES

- Surface protection against weathering.
- Manual or mechanised application.
- Easy and rapid use (workability, flexibility, ease of application).
- Masking of surface's minor blemishes.
- Wide range of decorative patterns and colours.
- Products in aqueous phase: easy and safe use, environmentally friendly.

## IDENTIFICATION CHARACTERISTICS

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

	Armaterm 101 FX	Armaterm 201 FX	Armaterm 202 FX	Armaterm 301 FX	Armaterm 401 FX
<b>Aspect</b>	Thick granular paste with acrylic copolymers in aqueous phase.				
<b>Dry Matter</b>	86 ± 2%	84 ± 2%	85 ± 2%	83 ± 2%	84 ± 2%
<b>Density</b>	1.77 ± 0.10	1.70 ± 0.10	1.73 ± 0.10	1.80 ± 0.10	1.77 ± 0.10
<b>Average Grain Size (mm)</b>	2.5	1.6	1.0	1.6	0.8
<b>Flash Point</b>	n/a				
<b>VOC Concentrations</b>	Max. 5 g/l (max. 15 g/l for the 401 FX finish). EU threshold value for these products (A/c cat.): 40 g/l.				
<b>Drying Time (20°C, 65% RH)</b>	Dry: 6 to 8 hours. Hard dry: 3 weeks. <i>Drying delayed by cold and damp weather.</i>				
<b>Consumption (kg/sqm)</b>	3.0 to 3.5	2.5 to 2.7	2.2 to 2.5	2.7 to 3.0	2.5 to 3.0
<b>Classification NF T36-005 XP T34-722 EN 1062-1</b>	Family II, Class Bb Class D3 E5 V2 W2 A0				
<b>Colours</b>	ZOLPACHROM 3 & REFLECTING PIGMENTS system (white/PA base/ ME base)				
<b>Packaging</b>	25 kg				

## USE

Surfaces, preparatory work and application conditions must comply with applicable standards/DTU (French standards) or with the ETA of the insulating system.

### Base Preparation

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

Depending on situations: dust, brush, sand, scrape, HP wash, leach... so as to eliminate any trace of dirt and chipped, friable, non-cohesive, glossy... parts.

- Removal of micro-organisms: FONGIMOUSSE PLUS.
- Protection of metal parts: adapted primer (PRIMAIRE PAH or UNIVERSEL).
- Smoothing/filing: ARMATERM COLLE or COLLE POUDRE.
- Multi-surface impression with a primer of the same colour to regulate the bases and mask potential grooves of the structured finishes. As a general rule:  
ARMAFOND as thermal insulation system over reinforced undercoatings and for refacing works over sound bases, impressed metals.  
ZOLPAFIX GRANITÉ for refacing works over porous, superficially non-cohesive surfaces, or with residual chalking (old adhering paints).

### Product Application

#### Process

One regular coat over impression of the same colour.

#### Equipment

- Ribbed finish: paste and level up to grain thickness with a stainless steel trowel or with a render spraying pump. Rib with a damp plastic trowel.
  - Trowelled finish: paste, level up to grain thickness and compress with a stainless steel trowel.
  - Rustic aspect: paste with a stainless steel trowel and structure with a pattern or foam roller perforated according to the desired effects.
- The pasting can be done with the spraying machine with lance for slurry texture (6 to 7 mm nozzle).

#### Dilution

Products ready for use. Up to 2 % added water by cold weather.

#### 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
- You may accelerate the imperviousness to rain in case of temporarily difficult atmospheric conditions (condensation, threatening rain, etc.) by adding 2 measures of ARMENDUIT ACCÉLÉRATEUR (2 kg for 25 kg).
- A preliminary mixing of the product with the slow blender allows the aeration of the product and eases its application.
- Do not apply over a potentially permanently moist surface or subject to capillary rises: floor bases, retaining walls...
- Use the same manufacturing batch for the whole unit area in order to avoid shade differences due to the natural mineral origin of the aggregates.
- Allow appropriate protection against rainwater running in the coating's adherence plan (base flashing, composition flashing, cornice...).
- Proceed continuously and per unit area so as to avoid visible joints. Otherwise, plan a division into panels (for ex.: treatment of large surfaces).
- Avoid dark colours in case of sun exposure because of the strong solar ray absorption and significant rise in temperatures likely to increase the risks of premature aging of the coating and/or of cracking of the surface. They are characterised by a solar absorption coefficient  $\alpha \geq 0,7$  or a luminance index  $Y < 35 \%$ , whereby Y indicates the solar radiation value reflected by the coating. Y values are given in the ZOLPACHROM 3 colour chart. These dark colours have not been taken into account by the DTU (French standards) for façades, and are therefore excluded from refractory life standards as defined in the NF T36-001 standards.

## 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) "Revêtements de peintures épais en phase aqueuse" on the INTERNET: [www.inies.fr](http://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.



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