

**Acrylic bond in aqueous dispersion.
Specific for thermal insulation of wood constructions.**

PHASE AQUEUSE



EXT



PURPOSE

Bond with a base of acrylic copolymer and selected mineral fillers.

Bonding of EPS insulating boards on outdoor facings of wooden framed constructions when working with ARMATERM BOIS thermal insulation systems.

Also suitable for bonding of EPS over other low-absorbent materials, such as metal, glass, rigid PVC for indoor/outdoor works.

SURFACES

- Solid wood and derived wood panels CTB-H, CTB-X, OSB3/4, approved for wood construction (DTU 31-2).
- Composite building panels under AT (Technical Agreement) regulations.
These panels can be bare or covered with old adherent paint coatings.
- Other surfaces such as aluminium, PVC (degreased), ferrous metals (anti-corrosion treatment), glass.

MAIN FEATURES

- Excellent bonding power.
- Quick setting.
- Final bonding resistance.
- Suited for the adjustment of surface's small irregularities (max. 5 mm).
- Ready-for-use product.
- Ease of use.
- 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	Fine-grained thick translucent paste
Density	1.30 ± 0.10
pH	8.0/9.0
Flash Point	n/a.
VOC Concentrations	0 %
Drying Time (20°C, 65 % RH)	Wet-edge time: 10 to 15 mins depending on surface's porosity. Laying of the associated coating over the insulator: 1 day minimum. Final bonding resistance: 1 week. <i>Bonding delayed by cold and damp weather.</i>
Use Temperature	5°C/35°C
Average Consumption	1.5 to 2.0 kg/sqm over smooth surfaces. Up to 3 kg/sqm over irregular surfaces.
Colour	Light grey.
Packaging	25 kg

USE

Surfaces, preparatory work and conditions of application must comply with the ARMATERM BOIS PSE and ARMATERM BOIS PSE POUDDRE technical files.

Base Preparation

Apply the insulator on sound, dry and clean surfaces, which must be consistent with the product application.

- Bare facings:
 - Wooden panel moisture when bonding the insulator: < 12 %.
 - Depending on the organisation on site, all necessary arrangements must be made to prevent the wooden facings from getting damp because of the weather after laying (weatherproof tarpaulin).
 - Grind/sand in case of localised step discontinuity on the wooden panels (in particular at the joints on the wooden frame).
 - Dust.
- Clad facings:
 - Remove old chipped or poorly adherent paint coatings.
 - Sand any important irregularities and, if necessary, restructure with ARMENDUIT.
 - Remove micro-organisms with FONGIMOUSSE PLUS.

Bonding the Insulator

Process

- Apply the paste onto full surface with a 6 x 6 mm (or 8 x 8 mm) snootched trowel over the insulating board.
- Position the insulator and press immediately on the surface.

In any case, the bonding must be done while the paste is still fresh (do not apply product over too large surfaces, wet-edge time 10 to 15 mins).

Dilution

Ready for use.

Up to 5 % water if necessary.

Equipment Cleaning

WATER, immediately after use.

Application Conditions

- Ambient and surface temperature above 5°C (caution if T > 35°C).
- Dry weather, sheltered from wind and direct sunlight.

CONSERVATION

- 12 months in original unopened packaging.
- Store away from humidity, 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

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.

