



TECHNICAL DATA SHEET

PAS-418 RESIN BONDING BRIDGE

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY.

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Identification of the preparation: **BONDING BRIDGE RESIN (RESINA PUENTE UNIÓN)**

Code: PAS-418

Use of the preparation: Bonding bridge for mortar and concrete.

2. DEFINITION.

Aqueous dispersion copolymer dispersion based on acrylic acid esters. With a solids content of approximately 60%.

This product does not contain halogens or other harsh aggressive components.

3. AREAS OF APPLICATION.

Bonding bridge additive between new mortar/concrete and old mortar/concrete. Dries to form a highly elastic, very tacky and alkali-resistant film.

It can also be used to prepare the substrate before plastering, allowing the plaster to fully adhere to the surface.

It can be used as an additive to modify cementitious mixtures. Giving the mortar/concrete elasticity, adhesion, alkali resistance and UV rays.

4. SURFACE PREPARATION.

The surface must be clean and free of grease stains.

On overly polished surfaces, sanding is recommended to open the pores.

On previously painted substrates, remove old poor condition (shabby) or poorly adhered paint. Tone done glossy paints by sanding.

On surfaces with mold, remove the mold and treat the surfaces with fungicide products.

5. APPLICATION.

Shake the product until completely homogenised.

Apply the pure product using a brush on the old mortar/concrete. Leave to dry until the white colour disappears (the film maintains tack for up to three weeks after application) and then applied over the new mortar/cement.

For plastering, it is recommended to dilute the product with 40-50% water.

As an additive in cementitious bases the minimum dose is 20% of the cement weight.

The degree of elasticity and adhesion increases with the added dose.

Do not apply at temperatures below 5°C.

Do not apply if rain is expected within 2 hours.

6. TECHNICAL CHARACTERISTICS.

Nature: Aqueous copolymer dispersion based on acrylic acid esters.

Solids content: Approximately 60%

Appearance: Milky white liquid. When dry, transparent and very tacky.

Texture: Smooth.

Odour: Faint characteristic odour.

Density: 1 g/cc

Viscosity: At 23°C (Brookfield RVT, 3.20 min⁻¹): 3000 mPa

Yield: A theoretical yield of 8-10 m²/kg, of pure product is calculated.

pH value: 8

Minimum film forming temperature: 0°C

Packaging: 1L, 5L and 20L bottles.

7. SAFETY PRECAUTIONS

Always use clean drinking water.

Apply only to clean and sound surfaces.

Do not apply at temperatures below 5°C.

Store the product away from frost and direct sunlight.

The maximum recommended storage period is 12 months, from manufacture, in its original unopened packaging.

For storage, it is recommended not to add water to unused materials.

8. HEALTH AND SAFETY

Do not eat, drink or smoke during application.

Keep out of reach of children.

Avoid contact with skin and eyes.

Store the product in a dry area at a temperature between 5°C and 35°C.

Do not empty waste into drains.

Comply with current legislation on occupational health and safety in the workplace.

The person responsible for the delivery of the packaging waste or used packaging, for its appropriate environmental management, will be the final holder thereof.

For further information see safety data sheet.

9. NOTES

The information provided herein is based on our current knowledge, laboratory tests and practical use in specific circumstances and according to objective judgements.

This data sheet supersedes and replaces any previous data in relation to the same product.

MANUFACTURED IN SPAIN.

MANUFACTURED IN THE EU