

PRODUCT Nº.: 3.133

TECMA-ADH

Adherence bridge between concrete and different materials

Characteristics:

TECMA-ADH is a milky liquid resin **mono-component** emulsion, based on an aqueous dispersion of modified acrylic resins with special additives, which has been especially developed to be used as adherence bridge between materials.

Its special adhesive characteristics are consistent long after being applied (more than 24 hours), which allows enough working time and a perfect adherence between the support and the new materials (mortar, concrete, etc.) even when several hours have passed between the application of **TECMA-ADH** and the application of the new material. **TECMA-ADH** forms films which are clear, adhesive, flexible, water-resistant and little affected by temperature.

Uses, application characteristics and method of use:

TECMA-ADH as a union bridge between materials is especially recommended, among others, for:

- ◆ Joining fresh and old concrete
- ◆ Joining fresh and old mortar
- ◆ Joining mortar and plaster
- ◆ Joining concretes and mortars with smooth or semi-smooth surfaces
- ◆ Joining partition walls with pillars
- ◆ Adherence of new concrete raisings on old pavement.
- ◆ New concrete raisings on old concrete.

TECMA-ADH assures perfect adherence between the support and the new material to be applied, which allows saving time and labor when preparing the supports.

Its adhesive properties are longer consistent after application. When necessary, even some days can go by after application without losing its adhesive properties. When several days have passed, it's necessary to check that the **TECMA-ADH** film is free from dust and particles. If not, clean the film before applying the new mortar.

TECMA-ADH forms flexible films even below 0 °C, with good water and alkali resistance.

In order to increase adherence, it's possible to apply fine sand over the film, so that the roughness increases, especially in rough-rendering of concrete walls.

It's necessary to control, and remove, every remaining of unmolding agents since they can cause adherence problems.

Method of use:

It's recommended to use **TECMA-ADH** pure, as it is supplied. The surfaces where the product is going to be applied should always be clean and free from dust and loose particles, dirt, greases, oils or unmolding agents. It's better to apply **TECMA-ADH** on dry surfaces although it can be also applied on elements with dampness remains, never with pools.

The application can be made with brush or roller, applying a homogeneous and continuous film on the whole surface to be treated, always avoiding excessive accumulation of product when applying.

Let always dry, at least, for 30-45 minutes, depending on the temperature, in order to allow the forming of the film, before applying new mortars, concretes or plasters.

Yields will depend on the absorption of the supports to be treated. Although the differences between the supports can be quite great, as a general indication, the most probable yields will be between 6-8 m²/liter of product.

Precautions:

Do not swallow. Sep Hawaii from the reach of children. Avoid eye or skin contact.

Packaging

TECMA-ADH is supplied in 30 – 60 liters non-reusable plastic containers and in 1000 liters containers.

ADVANTAGES:

- High adhesive power
- Mono-component product
- Adherence keeps consistent for longer times
- Improves adherence between old and fresh mortars
- Improves adherence on little porous surfaces

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