



DESCRIPTION:

TERMOIMPER CHAPA

SPECIAL WATERPROOFING THERMAL INSULATION FOR STEEL, SHEET, IRON, ETC

Thermal Insulator, elastomeric coating of emulsified acrylic resins, special pigments and borosilicates, which provide control and reflection of solar ultraviolet rays, contains insulating microspheres, formula developed especially for steel, galvanized sheet, zinc sheet, plastic sheet and terrace materials of masonry, the product contains corrosion inhibitors for possible contact with oxidized material and its protection.

APPLICATIONS

Designed for places with sudden changes in temperature. Its high quality makes it ideal for the decoration and insulation of vertical and horizontal surfaces in buildings, industrial warehouses, roofs, galvanized sheet metal, aluminum, iron, PVC, etc.

Excellent anticarbonation barrier.

PROPERTIES

* Elastic, it does not crack or fissure with contractions and expansions resulting from changes in temperature. Pointing of cracks and fissures. Photocross-linking, it prevents stickiness of the support, considerably reducing its fouling.

* Resistance to the harmful effects of weather.
* Effective anti-carbonation barrier, due to its high resistance to CO₂ diffusion.

* Due to the pearl effect it is self-cleaning by rainwater.

* Perfect adhesion on galvanized sheet, aluminum, iron, concrete, PVC, glass, etc.

* Resistance to alkalinity of the support, such as cement mortars, concrete, etc.

* With anti-mold preservative for film, prevents the appearance of stains fungi and algae on the surface and corrosion inhibitors

* Provides good thermal insulation (hot/cold) due to the low thermal conductivity of the film, minimizing temperature changes through of the wall/ceiling. Complies with the requirements of the Technical Building Code for insulating materials.

* The structure of the paint produces a dampening effect on sound waves, attenuating sounds, acoustic insulation.

* Sound-absorbent, exerting a sound-dampening effect.

> Drying time:

> Touch: 3 hours Repainting: 12 hours >

Density: 1.30 gr/cm³

> Elongation: 325%

Color

> Appearance:

> Density:

> Microsphere size:

> Thermal conductivity

microspheres:

> VOC

> Heat flow test: > Solar reflectance index: Vapor permeability

water: >

Viscosity:

> Reaction to fire:

> Artificial aging

(3000 cycles):

Final thermal conductivity

Thermal reduction

Matte optical white.

60 µm.

0,0404 W/mK.

Maximum product content 1.80 g/l.

Decrease up to 79%

88 (SRI)

Class 1: Permeable to water vapor [EN 1504-21 60,000 cps

+1-5,000 at 220C (2.5 r.p.m., sp-6) [Brookfield L

TV]

MI [UNE 23721] Without

changes in appearance, cracking, peeling, blistering, or loss of adhesion.

[UNE-EN ISO 11507]

0,026 W/mk

7 to 15° C (3 layers)

CHARACTERISTICS

INSTRUCTIONS FOR USE

To achieve an optimal result in terms of thermal insulation, it is recommended to apply 3 layers, the 1st diluted in 5% water and the remaining two pure or with a maximum of 5% water,

No prior priming is necessary, if there is rust, remove the loose parts and apply previously TECPINT OXIDO in the oxidized areas.

Apply with a roller that is not short-haired, brush or pressure device with a wide nozzle for the correct expulsion of the microspheres (the ideal is to use a 3 to 3.5 nozzle, the dilution to apply with a spray gun is approximately 10% water). Nozzle pressure: 75 atm.

Apply three passes crossing the second over the first to guarantee total coverage of the background. It is recommended to leave a minimum thickness of 1 mm. (from dried paint). The application support must be

dry and clean (remove efflorescence and mold before application application). It

is not recommended to walk on the product before a week has passed since the application.

Do not apply TERMOIMPER CHAPA when there is a risk of rain, frost or even during hours of maximum sunshine.

To waterproof/thermally insulate (1.5 mm layer) it is necessary to consume 650 - 800 ml/m². Of course, this performance can be increased at the cost of reducing the thickness of the paint.