THERMOIMPER

THERMO-INSULATING ELASTIC COATING

DESCRIPTION

Thermo-insulating Acrylic Rubber Waterproofing for the decoration and protection of terraces, of excellent quality and very low thermal conductivity, based on hollow ceramic, glass microspheres and reflective pigments

APPLICATIONS

Designed for places with sudden changes in temperature. Its high quality makes it ideal for decorating vertical and horizontal surfaces in buildings and ornamental elements. Excellent anticarbonation barrier for concrete.

PROPERTIES

► Elastic, it does not crack or crack with the contractions and expansions of the support as a result of temperature changes. Pointing of cracks and fissures. ► Photocrosslinker, prevents stickiness of the support, considerably reducing you your dirty.

► Resistance to the harmful effects of weather.

► Effective anti-carbonatgation barrier, due to its high resistance to diffusion of CO2.

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

► Resistance to alkalinity of the support, such as cement mortars, concrete, brick ...

► With anti-mold film preservative, prevents the appearance of fungal and algae stains on the surface.

► Provides good thermal insulation (hot/cold) due to low conductivity thermal film minimizing temperature changes across the wall. 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.

CHARACTERISTICS

► Color:	Optical white
► Appearance:	Mate.
➢ Density:	1,1 Kg./L. +/-5
► Microsphere size:	60 µm.
► Thermal conductivity	0,0187 W/mK (3 capas)
Conductivity Microspheres	0,0404 W/mK.
► VOC:	Maximum product content 1.80 g/l.
► Heat flow test:	Decrease up to 79%
► Vapor permeability of water:	Class I: Permeable to water vapor [EN 1504-2]
► Viscosity:	60.000 cps +/- 5.000 a 22ºC (2,5 r.p.m., sp-6) [Brookfield LTV]
► Reaction to fire:	M1 [UNE 23721]
► Artificial aging (3000 cycles):	No changes in appearance, cracking, peeling, blistering, or loss of adhesion. [UNE-EN ISO 11507]

Solar Reflection Index (SRI): 87.2%

DIRECTIONS FOR USE It is advisable to apply three coats, diluting with water in a proportion of 15% to 20% for the first coat. For the second hand it is recommended

It is advisable to apply it with a maximum dilution of 5%, the same as for the third coat. Allow to dry between coats for a minimum of 6 hours in summer and 8 hours in winter. It must be applied with a wool roller, brush or pressure equipment.

Three passes should always be applied, crossing the second over the first in order to guarantee complete 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 (avoid flowering of moss). On dusty or sandy surfaces or poorly adhered paint, scrape, carry out a brushing and previously applying TECPINT PRIMER OR TECPINT FIRST GEL

It is not advisable to walk over the product until a week has passed since application.

TERMOIMPER should not be applied at risk of rain, frost, nor during hours of maximum sun exposure.

To waterproof and thermally insulate it is necessary to consume between 800 gr to 1 kg/m2 of product. Of course this performance can be increased at the cost of decreasing the thickness of the paint.

Smooth finishes are obtained.