

KORAZA CUBIERTAS TERMOAISLANTE BLANCO



FAMILY
LINE

ANTIHUMEDAD E IMPERMEABILIZAC. / SISTEMAS TINTOMÉTICOS
IMPERMEABILIZACION HORIZONTAL

DESCRIPTION AND NATURE

Elastic coating for the protection and waterproofing of horizontal surfaces. Anti-leak. High reflectance. Thermally insulating; reduces indoor temperatures and saves energy. Easy to use in hard to reach places. It can also be used on vertical surfaces. This product contributes to LEED®, BREEAM® and VERDE certifications.

USAGES

Outdoor
Facades
Catalan tile
Asphalt fabric
Cement mortars
Porous brick
Pre-primed galvanized metal
Roofing tiles
Fibre-cement
Concrete

PROPERTIES

Elasticity
Waterproof
Energy saving
Artificial ageing UNE EN 1062-11: No visible defects
Good adhesion
Performance as vertical cladding: 0.75 l/m² in two or three coats
Permeability to water (UNE EN 1062-3): $w < 0.1 \text{ kg/m}^2 \cdot \text{h}^{0.5}$
Adhesion by pull-out test (UNE-EN 1542): greater than or equal to 0.8 N/mm²
Thermoreflectant
Estimated durability: 10 years
Long-lasting
Fulfills with the norm UNE EN 1504-2:2005, used to the superficial concrete protection, for the uses: increase the resistivity as per limitation of the humidity content, control of the humidity and protection against penetration
Permeability to water steam EN ISO 7783-1/EN ISO 7783-2: Class I water steam permeable
Permeability to CO₂ UNE-EN 1062-6/EN 1062-11:2002: $s_D > 50 \text{ m}$
Determination of tensile properties, UNE EN ISO 527-3: 81% elongation
The product can be guaranteed for up to 7 years, please see conditions
Solar Reflectance Index (SRI) = 92 [ASTM E1980-1]
Cracking resistance UNE EN 1062-7/11: Class A4 (23°C), Class A2 (-10°C)
Thermal conductivity (UNE EN 12667:2002): 0,135685 W/mK

KORAZA CUBIERTAS TERMOAISLANTE BLANCO



TECHNICAL CHARACTERISTICS

Referencia Color	KORAZA CUBIERTAS TERMOAISLANTE BLANCO
Finish	Matt lightly textured
Specific weight	1,27 ± 0,05 kg/l
Viscosity	265 +/- 15 PO
Solids in volume	50 ± 1
Solids in weight	62 ± 1
VOC	Cat. i/BA 140/140 (2007/2010): 1,79 g/l
Aproximated performance by coat	Depending of product usage
Dry to touch	(20°C HR:60%): 2-4h
Dry to repaint	(20°C HR:60%): >24h
Colours	White

SURFACE PREPAIRING

New surfaces

Cement mortars:

1. Wait until fully set (30 days minimum).
2. Clean the surface of foreign products and/or residues.
3. Eliminate possible efflorescence using abrasive blasting and neutralize alkaline surfaces. On polished surfaces, sand to create a rougher surface. Seal with a fibro-elastic putty.
4. Before preparing the surface, it must be completely dry, with a humidity value of less than 20% based on hygrometer readings.
5. Apply a Fijamont-type fixer or similar on the entire surface of the cement mortar to seal, optimising adhesion and avoiding contact with the waterproofing agent.

Catalan rasilla or matt porous brick:

1. Same as cement mortars. For very smooth or polished substrates, it is necessary to roughen the surface.
2. In case of fungal surfaces, treat with Monto Limpia Moho fungicide or similar.

Polyurethane foam and asphalt fabric:

1. Check adherence and if necessary anchor with a water-based epoxy primer to improve adherence.
2. In case of fungal surfaces, treat with Monto Limpia Moho fungicide or similar.

Galvanized Metal:

Apply an Ecoprimer or Montoepox Acqua suelos style primer. In the case of using a Montoepox Acqua suelos style product, the repainting must be done within a maximum of 48 hours.

Restoring and maintenance

1. Completely remove old, poorly-adhered paint.

KORAZA CUBIERTAS TERMOAISLANTE BLANCO

2. Glossy surfaces should be thinned out to ensure good adhesion.
3. On painted surfaces, the solidity and anchorage of the paint must be checked, its condition must be diagnosed to avoid possible incompatibilities and dust and dirt must be eliminated before repainting.
4. Sanitise and repair defects in the surface.
5. On surfaces with mould, treat with a Monto Limpia Moho style or similar fungicide beforehand.
6. The use of a Fijamont-style fixer or similar is recommended for concrete surfaces and sloping surfaces.

WAY OF USE

Application notes

- Clean the surface by removing all types of dirt, moss, mildew, etc. from the surface and wash with clean, uncontaminated water.
- Shake the product until it is perfectly homogenized.
- In order to guarantee the impermeability of the application as a whole, it is necessary to apply the half-round system at all joints with vertical walls.
- Lightly dilute the product according to the porosity and state of the surface after the first coat.
- Apply the recommended amount of product with as few coats as possible (2-3 coats).
- It is very important that the application temperature and that of the surface be higher than 5 °C and lower than 35°C. Do not apply in rain.
- Recommended performance: Depending on the type of surface and method of application, we recommend 1.5 L/m² (2-3 layers) horizontally and 0.75 L/m² vertically.
- The use of mesh improves mechanical properties.

Solvent for dilution and cleaning

Water

Way of use	Aproximate dilution
Painting brush	0-5%
Roller	0-5%

SYSTEM

Procedures depending of surface type

	Primer	Intermedium	Finish
Galvanised iron			
MAX	Imprimación tipo Montoprimer Total o Impripol	Koraza Cubiertas Termoaislante + Malla (opcional)	Koraza Cubiertas Termoaislante
STD			
New work			
MAX	Fijador tipo Fijamont	Koraza Cubiertas Termoaislante + Malla (opcional)	Koraza Cubiertas Termoaislante
STD			
Masonry mortar			
MAX	Fijador tipo Fijamont	Koraza Cubiertas Termoaislante + Malla (opcional)	Koraza Cubiertas Termoaislante
STD	Fijador tipo Fijamont		Koraza Cubiertas Termoaislante
Asphalt fabric			
MAX	Imprimación epoxi suelos	Koraza Cubiertas Termoaislante + Malla (opcional)	Koraza Cubiertas Termoaislante
STD	Imprimación epoxi suelos		Koraza Cubiertas Termoaislante
Brickwork			
MAX	Fijador tipo Fijamont	Koraza Cubiertas Termoaislante + Malla (opcional)	Koraza Cubiertas Termoaislante
STD	Koraza Cubiertas Termoaislante diluido		Koraza Cubiertas Termoaislante

KORAZA CUBIERTAS TERMOAISLANTE BLANCO

Support weak

MAX	Fijador tipo Fijamont	Koraza Cubiertas Termoaislante + Malla (opcional)	Koraza Cubiertas Termoaislante
STD	Koraza Cubiertas Termoaislante diluido		Koraza Cubiertas Termoaislante

Old paintings in bad state

MAX	Fijador tipo Fijamont	Koraza Cubiertas Termoaislante+ Malla (opcional)	Koraza Cubiertas Termoaislante
STD	Eliminar + Koraza Cubiertas Termoaislante diluido		Koraza Cubiertas Termoaislante

Support with mould

MAX	Fungicida tipo Monto Limpia Moho+ Fijador tipo Fijaont	Koraza Cubiertas Termoaislante + Malla (opcional)	Koraza Cubiertas Termoaislante
STD			

SECURITY

Do not eat, neither drink, nor smoke during the application. In case of contact with eyes, wash abundantly with clean water. Keep away from children. Do not throw in darin. Keep product in dry area, under cover and temperature between 5 to 35°C. For further information, please check product safety sheet.

NOTE

Maximum recommended storage time : 24 months since its fabrication in its original packaging perfectly closed, stored indoors and at temperatures between 5° and 35°C

Information here indicated is based on our actual knowledge, laboratory testing and taking in count the practical use under specific circumstances. As it is impossible to stablish an adequate description for every nature and status of the supports to be painted, we are unable to warrant the absolute reproductibility in each specific use

PACKINGS

4 L, 15 L