

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.

USAGES

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

PROPERTIES

Elasticity

Water-resistant

Energy saving

Good adhesion

Capillary absorption and liquid water permeability: $w < 0.1 \text{ kg/m}^2 \cdot \text{h}^{0.5}$ according to UNE EN 1504-2; W3 (maximum impermeability) according to UNE EN 1062-1

Performance as vertical cladding: 0.75 l/m^2 in two or three coats

Adhesion by pull-out test (UNE-EN 1542): greater than or equal to 0.8 N/mm^2

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

Determination of tensile properties, UNE EN ISO 527-3: 81% elongation

The product can be guaranteed for up to 7 years, please see conditions

Water vapour permeability: Class I in accordance with UNE EN 1504-2; V3 in accordance with UNE-EN 1062-1

Solar Reflectance Index (SRI) = 92 [ASTM E1980-1]

Cracking resistance Class A4 (23°C , $>2.5 \text{ mm}$) and Class A2 (-10°C , $>2.5 \text{ mm}$) according to UNE EN 1062-1

Thermal conductivity (UNE EN 12667:2002): $0,135685 \text{ W/mK}$

Carbon dioxide permeability: $sD > 50 \text{ m}$ in accordance with UNE EN 1504-2; C1 (anti-carbonation) in accordance with UNE-EN 1062-1



TECHNICAL CHARACTERISTICS

Referencia Color	KORAZA CUBIERTAS TERMOAISLANTE BLANCO
Finish	Matt lightly textured
Specific weight	$1,27 \pm 0,05 \text{ kg/l}$
Viscosity	$265 \pm 15 \text{ PO}$
Solids in volume	50 ± 1

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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.
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, without the need to apply Fijamont. 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 Imprimpación Epoxi Suelos to improve adherence.
2. In case of fungal surfaces, treat with Monto Limpia Moho fungicide or similar.

Galvanized Metal:

1. Clean the surface of any foreign matter, residue, or poorly adhered products.
2. Apply Montoprimer Total Acqua as a primer to ensure adhesion.

Restoring and maintenance

1. Completely remove old, poorly-adhered paint.
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

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

SYSTEM

Procedures depending of surface type

	Primer	Intermedium	Finish
Galvanised iron			
MAX	Montoprimer Total Acqua	Koraza Cubiertas Termoaislante + Malla (opcional)	Koraza Cubiertas Termoaislante
STD	Montoprimer Total Acqua		Koraza Cubiertas Termoaislante
Catalan plaque and Matte porous brick			
MAX	Fijamont	Koraza Cubiertas Termoaislante + Malla (opcional)	Koraza Cubiertas Termoaislante
STD	Koraza Cubiertas Termoaislante diluido		Koraza Cubiertas Termoaislante
Old paintings			
MAX	Fijamont	Koraza Cubiertas Termoaislante + Malla (opcional)	Koraza Cubiertas Termoaislante
STD	Koraza Cubiertas Termoaislante diluido		Koraza Cubiertas Termoaislante
Masonry mortar			
MAX	Fijamont	Koraza Cubiertas Termoaislante + Malla (opcional)	Koraza Cubiertas Termoaislante
STD	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

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 drain. 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 establish 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