

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	1,5-2 m ² /L

Dry to touch	(20°C HR:60%):2-4h
Dry to repaint	(20°C HR:60%):>24h
Colours	White

SURFACE PREPAIRING

New surfaces

Cement mortar:

1. Wait until fully set (at least 30 days).
2. Clean the surface of any foreign substances, residues and poorly adhered product. Treat mouldy substrates with Monto Limpia Moho.
3. Use abrasive blasting to prevent efflorescence and neutralise alkaline surfaces. On very smooth surfaces, key lightly with sandpaper. Putty with Plasmont Fibra Elástico if necessary.
4. The substrate must be completely dry before preparation. The humidity value measured with a hygrometer must be less than 4%.
5. Apply Imprimación Epoxi Suelos or Fijamont over the entire cement mortar surface to completely seal the substrate and prevent it from coming into contact with the product.

Catalan tile or matt porous brick:

1. As for cement mortars.

Asphalt covering, polyurethane foam:

1. As for cement mortars; application of Fijamont is not required. Check adhesion. Priming with Imprimación Epoxi Suelos.

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 poor-condition or loose old paint.
2. Gloss surfaces should be keyed to ensure good adhesion.
3. On painted surfaces, check that the paint is solid and has good adhesion. Determine the composition of existing paint and check for incompatibilities with the product. Remove all dust and dirt before repainting. If it is not solid, remove to new surface underneath.
4. Before preparing the surface, it must be completely dry, the humidity value measured with a hygrometer should never be higher than 4%.
5. Properly putty with Plasmont Fibra Elástico the defects in the substrate.
6. On mouldy substrates, pre-treat with Monto Limpia Moho.

WAY OF USE

Application notes

- Shake the product until evenly mixed.
- Do not apply the product at temperatures below 5°C and not above 35°C.
- Do not apply with risk of imminent rain.
- The substrate must be completely dry.
- The substrate temperature must be above 5°C to avoid freezing and below 40°C to avoid defects in the application.
- For warranty coverage, it is necessary to apply 1.5 L/m² (check conditions).

Solvent for dilution and cleaning

Water

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

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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	Imprimación Epoxi Suelos	Koraza Cubiertas Termoaislante + Malla (opcional)	Koraza Cubiertas Termoaislante
STD	Fijamont		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	Imprimación Epoxi Suelos	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