

REVESTIDAN® PROTECT MAX

Cool Roofing

LIQUID MEMBRANE FOR
WATERPROOFING AND REHABILITATION OF
ROOFS WITH HYBRID POLYURETHANE.
ULTRA-REFLECTIVE (106 SRI)

WATERPROOFING



5kg

20kg

TOOLS



THEORETICAL COVERAGE

Coating paint::
0.8-1.0 kg/m²
Waterproofing membrane:
2.0-2.8 kg/m²

DRYING TIME



Waterproofing liquid membrane, in aqueous dispersion, of polyurethane acrylic hybrid technology that, once dry, forms an elastic, waterproof and UV-resistant film. Versatile product, suitable for waterproofing and protective coating, ultra-reflective in white to improve insulation capacity (SRI 106 on concrete and SRI 102 on bituminous membrane). Possui excelentes propriedades anticarbonatação.

ADVANTAGES

- Ultra-reflective protection in white (SRI 106 on concrete and SRI 102 on bituminous membrane, according to ASTM E 1980).
- High elasticity.
- Crack bridging.
- Low water absorption.
- Low dirt adhesion.
- Compatible with asphalt sheets in roof rehabilitation.
- Excellent adhesion.
- Easy application.
- Continuous waterproof membrane without joints.
- Resistant to UV rays.
- Resistant to occasional traffic. Visible.
- Excellent anti-carbonation properties.

USES

- Waterproofing of non-trafficable roofs that can be visited occasionally and for maintenance purposes.
- Re-waterproofing of roofs with self-protected asphalt sheets (aluminium or slate).
- Waterproofing of concrete, mortar or metal substrates.
- Re-waterproofing of metal roofs.
- Protection of concrete structures against carbonation.

SUPPORTS

- Steel, aluminium, tiles, polyurethane foam, fibre cement, concrete, mortar, bituminous sheets, zinc.

**LIQUID MEMBRANE FOR WATERPROOFING AND REHABILITATION
OF ROOFS WITH HYBRID POLYURETHANE.
ULTRA-REFLECTIVE (106 SRI)****APPLICATION METHOD**

- Before applying the product to the substrate, make sure it is dry and free of solid remains and irregularities.
- Shake the product until it is perfectly homogenised.
- Apply a coat of primer, diluting REVESTIDAN® PROTECT MAX COOL ROOFING in the proportion of 3 parts by volume of the product to 1 part water, making sure that it penetrates well into all cracks or fissures.
- Once the primer is dry (aprox. 24 hours), apply successive coats of undiluted REVESTIDAN® PROTECT MAX COOL ROOFING until a coverage of 2,0 kg/m² without primer is achieved (minimum 2 coats without primer).
- Do not apply a coat until the previous coat is completely dry.
- It may be necessary to reinforce the singular points with a synthetic fabric reinforcement.

STORAGE AND SHELF LIFE

- Keep the package hermetically sealed and protected from extreme temperatures and sun exposure.
- Store the product between 5°C and 30°C for a maximum of 24 months.

APPLICATION TEMPERATURE

Between 5°C and 30°C.

PRECAUTIONS

- Waterproofing work should not be carried out when weather conditions may be harmful, in particular in situations of snow, ice, rain or strong wind.
- Do not place sharp or heavy objects on top.
- Do not use in places in permanent contact with water, either through condensation, storage or waterlogging.
- Do not use as a waterproofing system in roofs that have a heavy protection, pavement, gravel or vegetable soil.
- Not valid for the waterproofing of buried walls. In these cases we recommend DANOCRET® Protect Flex.
- We recommend the application of a DANOPRIMER® W primer depending on the substrate.
- Only apply a coat after the previous one has dried.
- Clean the tools with water as soon as you have finished. If there is solid dirt, we recommend scraping it off
- Store in a cool, dry place.

TECHNICAL DATA

Reflectance index (ASTM E 1980)	SRI 106 on concrete / SRI 102 on bituminous membrane
Emissivity (ASTM C1371-15)	0,86±0,03
Tensile strength (UNE EN 1542)	± 2,0 N/mm ²
Elongation (ISO 527-3)	>250 %
Adhesion after thermal compatibility (EN 1542) EN 13687-1 and 2	2,9 N/mm ²
Crack resistance at 0°C (EN 1062-7)	Class A5
Temperature resistance with reinforcement	-10°C / 75°C
Temperature resistance without reinforcement	-5°C / 75°C
Determination of the water vapour transmission rate (permeability) (ISO 7783)	Sd < 5 m
Impermeable to liquid water and capillary absorption (UNE-EN 1062-3)	0,02 kg/m ² h ^{0,5}
Determination of permeability to CO ₂ (UNE-EN 1062-6)	Sd > 50 m
Tiempo de secado al tacto	4 hours
Intervalo de repintado mínimo	8 hours
Solids content	± 60,8 %
Density at 23°C	1,30 ± 0,05 kg/dm ³
Viscosity at 23°C	120 ± 5 mPA.s
Viscosity Stormer 23°C	120 ± 5 KU