

Technical data sheet

WHITE 5-YEAR ACRYLIC WATERPROOFING COATING

Acrylic waterproofing coatings / 19 L



IMPERMEABILIZANTES ACRÍLICOS

**IMPERMEABILIZANTE ACRILICO 5
AÑOS BLANCO**

Color: Blanco

19 L

CONTENIDO NETO

IMA-05A-BLA-019

LOTE: _____ FECHA: _____



FT / FDS

MASCRO

mascro.com.mx

ARTE PRELIMINAR · CUBETA

PRELIMINARY DOCUMENTATION

Preliminary information. This is not a final data sheet or an authorized application instruction.

Commercial identity is adapted to MASCRO. Technical data and pending observations from the source document are retained.

Digital information and draft control

WHITE 5-YEAR ACRYLIC WATERPROOFING COATING

Agreed pack size: 19 L · Color: White

SKU: IMA-05A-BLA-019

Digital information and downloads

Scan to open the product page and view its PDFs and flipbooks.

<https://mascro.com.mx/productos/impermeabilizante-acrilico-5-anos-blanco/>

Scope of this review

The content was checked against the artboards in the original first- and second-part files. Data carried over from other products were corrected and the commercial pack size was updated. The company name, address, telephone numbers, final formulation and performance validation remain subject to confirmation. The standards cited in the originals are retained for this review.



Characteristics and applications

TECHNICAL CHARACTERISTICS

Mascro Imper 5-Year White is a single-component elastomeric acrylic coating with high solar reflectivity, formulated with synthetic resins in aqueous dispersion and controlled-grading mineral fillers. On drying, it forms a continuous, flexible, highly adherent membrane that waterproofs, protects and reflects solar radiation. Its reflective technology lowers surface temperature and the heat-island effect, improving thermal comfort and energy savings. Microfibers improve crack resistance, often eliminating the need for reinforcing mesh. It withstands UV radiation, environmental pollution and substrate expansion/contraction cycles. Its thixotropic consistency allows application on horizontal, sloped and vertical surfaces.

APPLICATIONS

Designed to waterproof roofs, rooftops, terraces, domes, gutters, walls and sloped decks. It can be applied to concrete slabs, cementitious screeds, sprayed polyurethane foam, wood and metal sheets (zinc, copper, aluminum or steel) after priming. Compatible with ceramic roof tiles, fiber cement and porous tiles. Suitable for homes and industrial or commercial buildings. Recommended for hot, sunny climates requiring high solar reflectivity. Not suitable for permanent water immersion, water tanks, below-grade floors or constant vehicle traffic. Reinforce active cracks with mesh. Professional-use product for maintenance or new waterproofing.

Procedure and identification

Substrate preparation: the substrate must be sound, dry, clean and free of dust, grease, loose paint and residue. Remove ponding and repair slopes. Remove mold, wax and previous treatments with alkaline detergent and rinse with clean water. Seal active cracks and cover with tape.

Primer: on cementitious surfaces, apply Mascro Imper 5-Year White diluted with water (1:3) as a base sealer. On metal or glazed tiles, use a primer appropriate for the substrate. Allow 2 to 4 hours drying before waterproofing.

Coating application: mix contents until uniform before use. Apply two crosswise coats of 0.5-0.6 L/m² each by brush, roller or airless equipment, with total consumption of 1.0 to 1.2 L/m² without reinforcement, or 1.5 L/m².

Allow 12 to 24 hours drying between coats, depending on temperature and humidity. Do not apply when relative humidity exceeds 85 % or rain or dew is expected within 8-12 hours. Recommended temperature: +5 °C to +40 °C.

Cleaning: wash tools with water before the product dries.

Pack sizes: 4 and 19 liter pails. Storage: keep closed between +5 °C and +30 °C, protected from frost and direct sunlight. Shelf life: 18 months.

Property	Characteristic value
Consistency	Microfiber-reinforced viscous paste
Color	White
Chemical base	Modified elastomeric acrylic resin
Density	1.34 ± 0.05 g/cm ³
Volume solids	60 ± 2 %
Gloss	Opaque matte
Theoretical coverage	1 L per 1.2-1.6 m ² per coat
Touch dry	2 – 3 hours
Time between coats	3 – 4 hours
Product shelf life	18 months in unopened packaging
Pack size	19 L pails
Storage	Cool, dry, shaded location

Technical data

Condition / Property	Value
Application temperature	+10 °C to +40 °C
Full drying time	24 hours
Film formation	Excellent
Elasticity	≥ 300 %
Tensile strength	> 1.2 N/mm ²
Water permeability	Waterproof (0 leaks at 2 bar)
UV resistance	Very high
Initial solar reflectance (SRI)	≥ 88 %
Service temperature range	-10 °C to +80 °C