

Technical data sheet

4-YEAR ACRYLIC WATERPROOFING COATING · White and red

Acrylic waterproofing coatings / 19 L



IMPERMEABILIZANTES ACRÍLICOS

IMPERMEABILIZANTE ACRILICO 4 AÑOS BLANCO

Color: Blanco

19 L

CONTENIDO NETO

IMA-04A-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

4-YEAR ACRYLIC WATERPROOFING COATING · White and red

Agreed pack size: 19 L · Color: White, Red

SKU: IMA-04A-BLA-019 / IMA-04A-ROJ-019

Digital information and downloads

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

<https://mascro.com.mx/productos/impermeabilizante-acrilico-4-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 · White

TECHNICAL CHARACTERISTICS

Water-based elastomeric acrylic waterproofing coating formulated with highly durable acrylic resins, reflective pigments and fungicidal additives that provide excellent weathering resistance. It forms a continuous, flexible, highly adherent film that protects against leaks, moisture and UV radiation. Its white finish reflects sunlight, helping reduce indoor temperature. Easily applied by brush, roller or spraying, it offers excellent color stability and high elasticity, ensuring effective protection for four years.

APPLICATIONS

Designed to waterproof and protect roofs, slabs, rooftops, sloped decks and weather-exposed surfaces. Compatible with concrete, mortar, roof tiles, fiber cement and firmly bonded existing acrylic coatings. Suitable for homes, commercial buildings and industrial warehouses in hot or temperate climates. It can be applied to new or previously waterproofed surfaces provided they are clean, sound and free of dust or grease. Not recommended on surfaces with permanent ponding or rising damp.

Procedure and identification · White

The substrate must be clean, dry and free of dust, grease, mold, oil and deteriorated waterproofing residue. Repair cracks wider than 1 mm with acrylic sealant or cementitious patching compound. New slabs must cure for at least 28 days before application. On highly absorbent or dusty surfaces, apply an initial coat diluted with 20 % clean water to seal and improve adhesion.

Stir or mix manually until uniform. Apply with a brush, roller or sprayer in crosswise coats, allowing 3 to 4 hours drying between coats depending on ambient temperature. Two to three coats are recommended for a uniform thickness. Approximate consumption is 1 liter per 1.5 to 2 m² per coat, depending on substrate porosity and application method.

Do not apply when rain is expected or in intense direct sunlight. Application temperature must be between +10 °C and +40 °C. Avoid surfaces with permanent moisture or ponding. Observe drying times between coats for optimum protection. Once dry, it forms a waterproof, flexible, highly reflective film. Clean tools with water while the material is fresh.

Property	Characteristic value
Consistency	Viscous paste
Color	White
Chemical base	Water-based elastomeric acrylic resin
Density	1.32 ± 0.05 g/cm ³
Volume solids	58 ± 2 %
Gloss	Opaque matte
Theoretical coverage	1 L per 1.3–1.8 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

Cool, sheltered location protected from sunlight and

Storage	frost
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Technical data · White

Condition / Property	Value
Application temperature	+10 °C to +40 °C
Full drying time	24 hours
Film formation	Excellent
Elasticity	≥ 280 %
Tensile strength	> 1.0 N/mm ²
Water permeability	Waterproof (0 leaks at 2 bar)
UV resistance	Very high
Initial solar reflectance (SRI)	≥ 87 %
Service temperature range	-10 °C to +80 °C

Characteristics and applications · Red

TECHNICAL CHARACTERISTICS

Mascro Imper Acrylic 4-Year Red is a single-component elastomeric coating based on acrylic resin in aqueous dispersion, formulated with high-strength resins, mineral fillers and structural reinforcing fibers. On drying, it forms a continuous, flexible, adherent membrane that protects against moisture, UV radiation and aging. Its composition bridges minor cracks without reinforcing mesh in most cases. It is thixotropic, easy to apply on horizontal, sloped or vertical surfaces, and retains elasticity under thermal changes. The white version contains reflective microspheres that lower surface temperature and improve thermal insulation. It offers excellent weathering stability and extended durability, with a 4-year service-life version depending on solids content and viscosity.

APPLICATIONS

Suitable for waterproofing roofs, rooftops, terraces, domes, gutters and exposed walls. It can be applied to concrete slabs, cementitious screeds, ceramic roof tiles, fiber cement, wood, sprayed polyurethane foam and metal sheets (zinc, aluminum or steel) after priming. Suitable for new or previously waterproofed surfaces requiring renewal. Suitable for residential, commercial and industrial buildings, especially in hot, sunny areas requiring greater solar reflection. Not recommended for water tanks, below-grade areas, permanent ponding or constant vehicle traffic. Compatible with reinforcing mesh in critical or cracked areas. Professional-use product designed for durable protection and a high-quality reflective finish.

Procedure and identification · Red

Substrate preparation: ensure the surface is sound, clean, dry and free of grease, dust, paint, mold or residue. Repair and reinforce cracked areas with tape or mesh. Eliminate ponding and correct slopes. On ceramic or treated surfaces, remove waxes or sealers with alkaline detergent and rinse with clean water.

Primer: on concrete slabs or cementitious surfaces, apply Mascro Imper Acrylic 4-Year Red diluted 1:3 with water. On metal sheets, glazed tiles and asphalt membranes, dilute 1:1 for the initial seal. Wait 2 to 4 h before applying the first waterproofing coat.

Coating application: mix the container contents until uniform. Apply two crosswise coats of 0.5–0.6 L/m² each using a roller, brush or airless equipment. Allow 12–24 h drying between coats. When using reinforcing mesh, place it between the first and second coat. Total consumption: 1.0–1.2 L/m² without reinforcement or 1.5 L/m² with mesh. Do not apply at humidity > 85 % or if rain or dew is forecast within 12 h. Application temperature: +5 °C to +40 °C.

Cleaning: wash tools with water before drying.

Pack sizes and storage: 4 L and 19 L pails. Keep closed between +5 °C and +30 °C. Shelf life: 18 months. Protect from frost and direct sunlight.

Property	Characteristic value
Consistency	Viscous paste
Color	Red
Chemical base	Water-based elastomeric acrylic resin
Density	1.32 ± 0.05 g/cm ³
Volume solids	58 ± 2 %
Gloss	Opaque matte
Theoretical coverage	1 L per 1.3–1.8 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

Procedure and identification · Red (continued)

Cool, sheltered location protected from sunlight and

Storage	frost
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Technical data · Red

Condition / Property	Value
Application temperature	+10 °C to +40 °C
Full drying time	24 hours
Film formation	Excellent
Elasticity	≥ 280 %
Tensile strength	> 1.0 N/mm ²
Water permeability	Waterproof (0 leaks at 2 bar)
UV resistance	Very high
Initial solar reflectance (SRI)	≥ 87 %
Service temperature range	-10 °C to +80 °C