

Technical data sheet

3-YEAR ACRYLIC WATERPROOFING COATING · White and red

Acrylic waterproofing coatings / 19 L



IMPERMEABILIZANTES ACRÍLICOS

**IMPERMEABILIZANTE ACRILICO 3
AÑOS BLANCO**

Color: Blanco

19 L

CONTENIDO NETO

IMA-03A-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

3-YEAR ACRYLIC WATERPROOFING COATING · White and red

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

SKU: IMA-03A-BLA-019 / IMA-03A-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-3-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

Mascro Imper 3-Year White is a single-component, water-based elastomeric acrylic coating formulated with high-strength synthetic resins and reflective microspheres for continuous waterproofing of roofs, terraces and roof decks. On drying, it forms a flexible, adherent, waterproof membrane that protects against moisture, UV radiation and weathering. Its white color provides excellent solar reflection, reducing surface temperature and extending structural service life. It offers high elasticity and stability under thermal changes, preventing cracking and detachment. Its thixotropic consistency allows application to horizontal, sloped and vertical surfaces. It is unaffected by pollution or continuous sunlight. It meets UNE-EN 1504-2 and has an approximate density of 1.26 g/cm³ with 52% solids residue.

APPLICATIONS

Designed to waterproof flat roofs, rooftops, terraces, domes, gutters, walls and sloped roofs. It can be applied to concrete slabs, cementitious screeds, sprayed polyurethane foam, wood or sheet metal (zinc, copper, aluminum, steel or iron) after priming. Suitable for homes, shops, schools and industrial buildings. Suitable for new or previously waterproofed surfaces requiring maintenance or an additional coating. Not recommended for permanent water immersion, water tanks or prolonged ponding. Professional exterior-use product compatible with reinforcing mesh.

Procedure and identification · White

Substrate preparation: the surface must be clean, dry, sound and free of grease, dust, loose paint, rust or mold. Cementitious substrates must be cured for at least 7 days. Remove residue, wax and previous sealer. Eliminate ponding and correct slopes. Seal cracked areas.

Primer: on slabs or cementitious surfaces, apply a coat of Masco Imper 3-Year diluted with water (1:3). On metal surfaces, seal using a 1:1 dilution and perform an adhesion test before proceeding.

Coating application: apply Masco Imper 3-Year White by brush, roller or airless equipment in two coats of 0.5-0.6 L/m² each. Wait 12-24 hours between coats, depending on temperature and humidity. Apply the second coat perpendicular to the first. For additional reinforcement, embed reinforcing mesh between coats. Recommended total consumption is 1.0 to 1.2 L/m² without reinforcement or 1.5 L/m² with fabric. Do not apply when rain is expected or below +5 °C or above +40 °C. Cleaning: wash tools with water immediately after use. Pack sizes: 4 L and 19 L pails. Available colors: white and red. Storage: keep closed in a dry place between +5 °C and +30 °C. Shelf life: 18 months.

Property	Characteristic value
Consistency	Viscous paste
Color	White
Chemical base	Water-based elastomeric acrylic resin
Density	1.30 ± 0.05 g/cm ³
Volume solids	55 ± 2 %
Gloss	Opaque matte
Theoretical coverage	1 L per 1.5-2.0 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	> 250 %
Tensile strength	> 1.0 N/mm ²
Water permeability	Waterproof (0 leaks at 2 bar)
UV resistance	High
Alkali resistance	Excellent
Weathering resistance	High
Adhesion to concrete	≥ 1.0 N/mm ²
Initial solar reflectance (SRI)	≥ 85 %
Re-emulsification	None observed
Compatibility with acrylic sealers	Complete
Service temperature range	-10 °C to +80 °C
Tool cleaning	Clean water

Characteristics and applications · Red

TECHNICAL CHARACTERISTICS

Mascro Imper 3-Year White is a single-component, water-based elastomeric acrylic coating formulated with high-strength synthetic resins and reflective microspheres for continuous waterproofing of roofs, terraces and roof decks. On drying, it forms a flexible, adherent, waterproof membrane that protects against moisture, UV radiation and weathering. Its white color provides excellent solar reflection, reducing surface temperature and extending structural service life. It offers high elasticity and stability under thermal changes, preventing cracking and detachment. Its thixotropic consistency allows application to horizontal, sloped and vertical surfaces. It is unaffected by pollution or continuous sunlight.

APPLICATIONS

Designed to waterproof flat roofs, rooftops, terraces, domes, gutters, walls and sloped roofs. It can be applied to concrete slabs, cementitious screeds, sprayed polyurethane foam, wood or sheet metal (zinc, copper, aluminum, steel or iron) after priming. Suitable for homes, shops, schools and industrial buildings. Suitable for new or previously waterproofed surfaces requiring maintenance or an additional coating. Not recommended for permanent water immersion, water tanks or prolonged ponding. Professional exterior-use product compatible with reinforcing mesh.

Procedure and identification · Red

Substrate preparation: the surface must be clean, dry, sound and free of grease, dust, loose paint, rust or mold. Cementitious substrates must be cured for at least 7 days. Remove residue, wax and previous sealer. Eliminate ponding and correct slopes. Seal cracked areas.

Primer: on slabs or cementitious surfaces, apply a coat of Mascro Imper 3-Year diluted with water (1:3). On metal surfaces, perform an adhesion test before proceeding.

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Property	Characteristic value
Consistency	Viscous paste
Color	RED
Chemical base	Water-based elastomeric acrylic resin
Density	1.30 ± 0.05 g/cm ³
Volume solids	55 ± 2 %
Gloss	Opaque matte
Theoretical coverage	1 L per 1.5-2.0 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

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