



Waterproofing ISOCRYL WALL

Technical Data Sheet

Reviewed: 30.07.2018



DESCRIPTION

WALL ISOCRYL is a high quality elastic, waterbased, waterproofing paint based on pure acrylic resins, with excellent properties against all weather conditions. It is suitable for waterproofing old and new walls and facades. It forms an elastic membrane that protects the surface from humidity as well as high temperatures.

ADVANTAGES

- Weatherproofing exterior walls and surfaces
- Elastic, seamless membrane without joints
- Superior adhesion on most building surfaces
- Excellent coverage
- Excellent water/humidity resistance
- Vapour permeability, permitting structure breathing
- Protects surfaces from carbonization and chalking
- Excellent resistance to ageing and UV rays
- Most suitable for buildings close to the seaside
- May be tinted with most common tinting systems
- Waterbased - user and environmentally friendly – inflammable – easy clean

APPLICATIONS

- Waterproofing old and new walls and facades
- Waterproofing and protection from UV rays of bitumen and polyurethane hard foam surfaces
- Suitable for concrete surfaces, plaster, wood, stone, brickwork, gypsum boards, cement boards, bituminous materials polyurethane etc.

INSTRUCTIONS FOR USE

Substrate preparation

1. Surfaces must be dry and clean from grease, dust and loose materials.
2. Cracks and joints must be filled all with elastomeric acrylic filler FLEX, acrylic sealant MEGACRYL, or polyurethane sealant BOND FLEX 390 FC.
3. Imperfections on plaster must be repaired with ISOMIX REPAIR PLASTER RP 300

4. Prime surfaces with solvent based primer ISOCRYL PRIMER DUR, or waterbased primer ISOCRYL PRIMER DUR AQUA for strengthening loose parts and protection from carbonization and chalking. Allow drying for 1 – 2 hours depending on ambient temperature.

Application

1. Apply one coat of **WALL ISOCRYL** diluted 10%-20% with clean water, using a brush, roller or airless spray gun. Allow drying for 12hours.
2. Apply a second layer of **WALL ISOCRYL** diluted 5 - 10% with clean water.
3. For extra protection, or where required, a third layer may be applied.
4. For best results, the temperature during application and curing should be between 10°C -35°C. Application must be avoided when rain or frost is expected.

CLEANING

Clean all tools and equipment with water and soap right after applications. Cured material can be removed only by mechanical means.

COVERAGE

10 - 12 m²/Lt depending on surface absorption and texture

TECHNICAL CHARACTERISTICS

Base: 100% acrylic resin dispersion

Form: Visous liquid

Colour: White

Smell: Characteristic of acrylic emulsion

Elasticity: >180%

PH: 8,5-9

Specific gravity: 1300-1380kg/m³ 25°C

Viscosity: 18000-23000 mpas 23°C

VOC (Volatile organic Compounds) CONTENT: (Directive 2004/42/CE) EU maximum VOC content limit values for this product (category A/c(WB):"Exterior walls of mineral substrate"): 40 gr/lit (2010). This product contains maximum 20 gr/lit VOCs (ready for use product).

STORAGE

Store in dry and cool storage conditions at temperatures 5^o-30^oC. Protect from moisture, frost and direct sunlight.

SHELF LIFE

At least 12 months in unopened containers. Products should remain in their original unopened containers, bearing the manufacturers batch number.

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PACKAGING

White 3.8Lt, 10Lt

PACKAGING	CODE	BARCODE
White		
3,8Lt	05058	5204094050513
10Lt	05059	5204094050520

HEALTH AND SAFETY INFORMATION

P101: If medical advice is needed, have product container or label at hand P102: Keep out of reach of children P103: Read label before use P501: Dispose of contents and / or their container according to the separated collection system used in your municipality. EUH208: Contains Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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