



Waterproofing ISOCRYL REPAIR

Technical Data Sheet

Reviewed: 30.07.2018



DESCRIPTION

ISOCRYL REPAIR is a high performance 1 component flexible, thixotropic, fiber reinforced roof coating based on pure acrylic resins with excellent weather resistance properties. It is specially designed to solve waterproofing problems in difficult areas such as corners, ceramic roof tiles, metallic bases and supports and any other area where an insulation membrane is difficult to apply and a rich thixotropic material to cover defective spots and cracks is required.

ADVANTAGES

- Thixotropic elastic formula that does not crack
- Enriched with fibers, glass beads and micro- sphere additives
- Rich material for easy application in difficult areas
- Excellent elasticity and bonding
- Superior adhesion on most building surfaces
- Excellent resistance to water and humidity
- Maintains its mechanical properties over a temperature span of -15°C to +70°C
- Excellent resistance to ageing and UV rays
- User and environmentally friendly - waterbased
- Easy to apply

APPLICATIONS

- Particularly suitable for sealing and fixing deteriorated and loose roof tiles.
- Waterproofing of difficult spots on roofs such as corners, metallic bases and supports, cracks, joints etc.
- Suitable for usual building surfaces, cementitious surfaces, bituminous materials, wood, stone, bricks, PVC, polyurethane foam, plasterboard, plaster, metal surfaces etc.

INSTRUCTIONS FOR USE

Substrate preparation

1. Ensure the surface is structurally sound, clean, dry and free from surface contaminants such as grease, oil, rust and dirt.
2. Remove any organic growth such as moss or lichen with a stiff brush.
3. New metal surfaces should be degreased with nitro solvent and primed with SWAN RUST PRIMER or ZINC SHEEN.
4. Porous surfaces should be primed with solvent based primer ISOCRYL PRIMER DUR or waterbased primer ISOCRYL PRIMER DUR AQUA and allow drying.

Application

1. Stir material very well before use.
2. Apply by brush straight from the container in a single, uniform application.
3. Ensure gaps or cracks are completely covered, as ISOCRYL REPAIR contains fibers that will bridge and seal them permanently.

CLEANING

Immediately after use with water. Cured material can be removed only by mechanical means

COVERAGE

0,5 - 1 m²/Lt depending on application

TECHNICAL CHARACTERISTICS

Base: Waterbased acrylic resins

Form: Viscous liquid

Colour: White, ceramic red

Smell: Characteristic of acrylic emulsion

Density: 1,35 ± 0,15 gr/ml ASTM D-1475

Viscosity: 50,000 ± 5,000 cps

Application temperature: 5°C έως 35°C

Touch dry: 3 - 6 hours, 20°C, 50% RH

Final Curing time: 24 - 48 hours, 20°C, 50% RH

VOC (Volatile organic Compounds) CONTENT: (Directive 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 28 gr/lit VOCs (ready for use product).

STORAGE

Store in dry and cool storage conditions at temperatures 5°C - 30°C. 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.

PACKAGING

White, ceramic red: 750 ml

PACKAGING	CODE	BARCODE
White 750ml	5179	5204094051794
Ceramics red 750 ml	5181	5204094051817

HEALTH AND SAFETY INFORMATION

EUH208: Contains Mixture 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

Evochem®

EVOCHEM S.A.
Tzavardella place 13341, Fyli, Attica, Greece
Tel.: 210 5590460, 210 5590155 Fax: 210 5590244
E-mail: info@evochem.gr Website: www.evochem.gr





Waterproofing ISOCRYL REPAIR

Technical Data Sheet

Reviewed: 30.07.2018

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.



Evochem®

EVOCHEM S.A.
Tzavardella place 13341, Fyli, Attica, Greece
Tel.: 210 5590460, 210 5590155 Fax: 210 5590244
E-mail: info@evochem.gr Website: www.evochem.gr

