

RAVAPROOF DECOUFLEX

Elastic Acrylic Waterproofing Covering



DESCRIPTION

RAVAPROOF DECOUFLEX is a water-based, waterproofing spreading material, made from special styrene-acrylic copolymers. After maturing, it creates an elastic film with excellent resilience and reflectivity. **RAVAPROOF DECOUFLEX** is available in white and terracotta colors.

PRIMARY USES

Waterproofing of horizontal and vertical surfaces. The product follows the contraction and the expansion of the bedding and it resists to any small crack. It provides an inexpensive and effective way for water-proofing. It has excellent weather, UV, and IR resistance. It water-tights any accessible surface and terrace. It protects horizontal, vertical, and inclined surfaces (concrete, roughcast, aluminum, metal, wood, ceramic surfaces, and bituminous membranes with sanded surfaces). It is suitable for polyurethane and foam protection

COMPOSITION

RAVAPROOF DECOUFLEX is produced by a mix of special styrene-acrylic copolymers, and does not contain solvents.

PACKAGING

RAVAPROOF DECOUFLEX is available in plastic pails of 1, 5 and 20kg.

STANDARDS

RAVAPROOF DECOUFLEX has been certified based on the international standard EN 1504-2:2004 (Products and systems for the protection and repair of concrete structure) and CE.

TYPICAL PROPERTIES

Color	White/Terracotta
Odor	Slight/Odorless
Appearance	Liquid/Pasty
SRI	106
Solid content	65%w/w
Density	1,3 ± 0,02 kg/L
Viscosity	5000-6000cP (spl.3,25°C,20RPM)
Water content	~35%w/w
Measurement of bond strength by pull-off (EN 1542)	1,5 MPa (With Traffic)
Elongation (ASTM D412)	755%
Determination of CO ₂ permeability Sd (EN 1062-6 Method A)	306 m (>50m)
Determination of water-vapor transmission Sd (EN 7783)	1,455 m (Cat I)
Permeability (EN 1062-3)	0,057 kg·m ⁻² ·h ^{-0.5}
Determination of abrasion resistance (EN ISO 5470-1)	2868 mg
Service temperature	(-20) / (80) °C No cracking
Rapid-deformation (EN 6272-1)	Pass

APPLICATION

The surface must be clean, free of oils, grease, and any residues, prior to use. Apply at least two cross-coats allowing 24 hours between coats to dry. In plasticized and not-painted surfaces, the use of primer **RAVAPROOF AVIPrimer W** is necessary. In painted surfaces, remove rotten materials and repair joints, cracks

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and bumps with Acrylic Sealant **RAVAPROOF SEAL MAX**.

The material should not be applied at temperatures lower than 5°C and higher than 35 °C, in conditions of increased humidity and rainfall. For the first layer, thin out **RAVAPROOF DECOUFLEX** with 15-20% water and stir the material with smooth agitation.

For the second application, either thin out **RAVAPROOF DECOUFLEX** with 5% water or apply as it is. Touch dry time is about 4 hours depending on weather conditions and humidity. It can be brushed, rolled, or applied by airless spray.

CONSUMPTION

The consumption depends on the amount of absorption and the structure of the surface. On cementitious surfaces, 1-1,5 kg/m² is required for two layers, preferably applied crosswise.

STORAGE

Use the product within two (2) years from the date of production. It should be stored indoors and at temperatures from 5-35°C. Close the package tightly after each use. Agitate the product with a low-spin drill before use.

Storage under not recommended conditions will result in deterioration of the product or packaging.

SAFETY AND HEALTH

As with all chemicals, contact with eyes, mouth, skin and food should be avoided during use and storage. In case of contact with eyes and skin, use plenty of water and seek medical advice by referring label description and Safety Data Sheet. All used tools should be cleaned with water while the material is wet.

Seek medical attention immediately in case of contact with skin, eyes, or ingestion. Refer to the Safety Data Sheet for more information. The product does not require classification as dangerous according to European Regulation 1272/2008. Nevertheless it shall be labelled with the supplemental labelling elements **EUH211** "Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist." and **EUH210** "Safety Data Sheet available on request".

Do not dispose of the material on the ground.



The information contained in this publication of RAVAGO HELLAS SA is believed to be accurate and provided in good faith, based on our current knowledge and experience, when the products are stored, used and applied under the prescribed conditions. Nevertheless is up to the Users to satisfy the suitability of the product for their own specific purpose.

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