

RAVAPROOF ACRYL

Elastic Acrylic Waterproofing Covering



DESCRIPTION

RAVAPROOF ACRYL is a water based, waterproofing material. After maturation, it creates an elastic, strong film with excellent resilience and reflectivity. **RAVAPROOF ACRYL** is available in white color.

PRIMARY USES

RAVAPROOF ACRYL follows the contraction and the expansion of the substrate. It is an ideal waterproofing solution and 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, bituminous membranes with sanded surface). It is appropriate for polyurethane protection.

COMPOSTITION

RAVAPROOF ACRYL is produced by styrene-acrylic copolymers and does not contain solvents.

PACKAGING

RAVAPROOF ACRYL is available in plastic pails of 20kg.

STANDARDS

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

TYPICAL PROPERTIES

Color	White
Odor	Slight/Odorless
Appearance	Liquid/Pasty
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. It is recommended to use **AVIPrimer W**, as a primer. In painted surfaces, remove rotten materials and repair joints, cracks and bumps with Acrylic Sealant **SEAL MAX**. The material should not be applied at temperatures below 5°C and above 35 °C, in increased

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humidity conditions and/or rainfall. Prior to the first layer application, thin out **RAVAPROOF ACRYL** with 15-20% water and stir the material with smooth agitation. Then proceed to the second layer. 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 the absorption and the structure of the surface. On cementitious surfaces 1-1,5 kg/m² is required in two layers.

STORAGE

Use the product within two (2) years from the date of production. It should be stored indoors and at temperatures between 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 do 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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