

RAVAROOF ACRYL



USAGE

RAVAROOF ACRYL is a water based, waterproof spreading material, made from special acrylic polymers. After maturation, it creates an elastic, strong film with excellent resilience and reflectivity "white". It follows the contraction and the expansion of the bedding and it resists to any small crack. It is water-dissolvable. Its application is very easy and quick. It provides an inexpensive and effective way for water-tighting. 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). It is the most appropriate material for polyurethane protection. Also, it is in line with the standard EN 1504-2:2004 (Products and systems for the protection and repair of concrete structure) and CE marked.

COMPONENTS

Mix of special acrylic polymers.

APPLICATION

Before its application, it is recommended that the surface is clear and free from rotten materials, dust, oil, lubricants and other waste material. Apply at least two crossed coats allowing 24 hours between coats to dry. Application temperature of +5-30°C is recommended. For the first layer, thin out **RAVAROOF ACRYL** with 15-20% water and stir the material with smooth agitation. For the second application, either thin out **RAVAROOF ACRYL** with 5% water or it can be applied as it is. It can be brushed, rolled or applied by airless spray.

PACKAGING

RAVAROOF ACRYL is disposable in plastic dispensers of 20kg.

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 for two layers, preferably upright one-another.

STORAGE

You can use the product for two years after its date of production, kept in sheltered area, with temperature range of 5-30°C, not under sun exposition. Keep away from ice. If the product had been stored for a long time you can thin it out with water, if it is required. Agitate the product with a low spin drill before use.

SAFETY

In case of contact with eyes and mouth, rinse with plenty of water and be addressed to a doctor by showing the product's label and M.S.D.S. Hands must be cleaned with water and soap after each application. Tools can be cleaned with water when the material is still wet. Otherwise solvent and mechanical means can be used. Do not pour it on the ground or water. Always follow the related rules. For additional info ask the MSDS of this material from the producer.

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TECHNICAL SPECIFICATION

Description	Acrylic Waterproofing Material
Color	White
Odor	Characteristic
Appearance	Liquid/Pasty
Solid content	65%w/w
Density	1,1-1,3 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
Elongation (ASTM D412)	755%
Determination of carbon dioxide permeability (equivalent air layer thickness) Sd (EN 1062-6 Method A)	306 m (>50m)
Determination of water-vapor transmission (equivalent air layer thickness) Sd (EN 7783)	1,455 m (Cat I)
Permeability (EN 1062-3)	0,057 kgm ² /h
Determination of abrasion resistance (EN ISO 5470-1)	2868 mg
Service temperature	(-20) / (80) °C No cracking
Rapid-deformation (Impact resistance) tests (EN 6272-1)	Pass

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