

DECOUFLEX

Elastic Acrylic Waterproofing Covering

USAGE

DECOUFLEX is a water based, waterproof spreading material, made from special styrene-acrylic copolymers. After maturation, it creates an elastic, strong film with excellent resilience and reflectivity. 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- tightening. 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, bituminous membranes with sanded surface). 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. **DECOUFLEX** is available in white and terracotta color.

COMPONENTS

Mix of special styrene-acrylic copolymers.

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 cross-coats allowing 24 hours between coats to dry. In plasticized and not-painted surfaces, the use of primer AVIPrimer W is necessary. In painted surfaces, remove rotten materials and repair joints, cracks and bumps with Acrylic Sealant SEAL MAX. Application temperature of +5-35°C is recommended. For the first layer, thin out **DECOUFLEX** with 15-20% water and stir the material with smooth agitation. For the second application, either thin out **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.

PACKAGING

DECOUFLEX is available in plastic pails of 1, 5 and 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 uptight one-another.

STORAGE

You can use the product for two years after its date of production, kept in sheltered area, with temperature range of 5-35°C, not under sun exposure. Keep away from ice. If the product had been stored for a long time you can thin it out with water, if required. Agitate the product with a low spin drill before use.

SAFETY

The material is not classified as dangerous. 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. 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	Elastic Acrylic Waterproofing Covering
Color	White/Terracotta
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 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 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 (Impact resistance) tests (EN 6272-1)	Pass