

ROCATHANE™ 430

POLYURETHANE WATERPROOFING MEMBRANE

430

DESCRIPTION

Rocathane™ 430 is a one component waterbased polyurethane waterproofing membrane. Suitable for concrete roof top. Due to its high elongation, Fibernet reinforcement is not necessary.

RECOMMENDED USES

- Concrete roof top
- Balconies
- External wall

MAIN PROPERTIES

- Waterbased product, easy to apply
- Non flammable
- Fibernet reinforcement not necessary
- Waterproofing efficient
- High elongation, cover concrete cracks
- Aesthetic with color pigmented
- Good bonding to various materials, concrete, steel, wood, plastic, asphalt, roofing tiles etc.

TECHNICAL PROPERTIES

Solid Content	60-70%
Specific Gravity	1.4 kg/Litre
Solubility	Water
* Elongation at Break	>555 % (ASTM D-412)
Adhesion to substrate	333 psi
* Tensile Strength	3.4 N/mm ² (ASTM D-412)
Hardness Shore A	75 (ASTM D-676)
Water Permeability	0.016 Perms (ASTM D-1653)

COLOR Green, Yellow/Cream, Gray

SURFACE PREPARATION

By grinding. Concrete should have a mechanical strength of at least 210 KSC (cyl). Surface should be sound, clean and free from oil, wax, dust, grease, loose particle and primers from previous membrane systems or bitumen. Repair water standing by filling low spot with polymeric mortar screed Primebase™ 200 HB repair cracks. Temperature at installation should not exceed 40 °C. Moisture should not be more than 5% by weight.

MIXING AND INSTALLATION

Use electric mixer to mix the mixture until obtaining homogenous paste. Apply with paint roller.

PRODUCT COVERAGE

- 21.36 m²/Pail

TRAFFICABILITY (at 35 °C)

24 hours Normal use
5 days Cleaning with light detergent allowed

PACKAGING

25 kg/Pail

HEALTH & SAFETY

Material Safety Data Sheet (MSDS) available upon request.



PRODUCT DATA SHEET

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Technology for Engineers