ROCASYL™ 420

ELASTOMERIC ACRYLIC POLYMER WATERPROOFING MEMBRANE

DESCRIPTION

Rocasyl™ 420 is a water based elastomeric acrylic polymer waterproofing membrane. Rocasyl™ 420 provides long term protection on all type of surface , high durability and excellent weather resistance.

RECOMMENDED USES

- Roofs with tiles, metal sheets
- Terraces
- Balconies
- Concrete Roofs

MAIN PROPERTIES

- Excellent adhesion to concrete, asphalt, tiles, metal, timber
- Long term durability
- Allows moisture vapor to escape from substrate
- Good carbon dioxide impermeability
- UV resistance
- Resistance to chemicals and pollutants
- Non toxic and non inflammable
- Penetrates into cracks
- Excellent dirt releasing ability

TECHNICAL PROPERTIES

Solid Content	>65%
Viscosity	25,000 cps
Elongation	>258%(ASTM D412)
* Crack Bridging	2.5 mm
Adhesion to Substrate	3 mPa
Specific Density	1.2 + 0.2 kg/L
pH	9-10
Tensile Strength	1.01 N/mm^2 (ASTM D412)
*Hardness Shore	62

COLOR   White, Green, Gray

SURFACE PREPARATION

- Surface must be clean, sound and free from oil, dust, wax, grease and loose particle
- Rocasyl™ 420 can fill small holes of less than 2.5 mm wide
- Repair cracks before applying Rocasyl™ 420
- Rocasyl™ 420 cannot be applied if they are water standing, need to level low spots. Best is to have slope.
- Surface preparation by grinding and cleaning with high pressure water jet.
- Surface moisture should not exceed 5% by weight.

MIXING

Rocasyl™ 420 is a one component liquid waterproof, which is easily to use by stirring with low speed drill in pail before application.

PRODUCT COVERAGE

- 30 m^2/pail for 3 Layers

TRAFFICABILITY

24 hours	Normal use
5 days	Cleaning with light detergent allowed

PACKAGING

25 kg/pail

RECOMMENDATION

- Not for use in area of water immersion
- Should be reinforced with Fibernet for high foot traffic or other physical abrasion use.

HEALTH & SAFETY

Material Safety Data Sheet (MSDS) available upon request.

Technology for Engineers