

Elastomeric Polyurethane Single Component Waterproofing

Product Introduction

Single-component Elastomeric polyurethane waterproof coating based on innovative new basic materials, blended with various additives and fillers as other components to gives a tenacious, soft and joint-less rubber waterproof membrane coating at ambient temperature and environment.

URE-COAT 101 – is also tested by National Building Material Test Center China.

Product Features

- High Strength coating for waterproofing.
- High Elongation meets maximum underground water pressure.
- Environmental friendly Product, non-toxic and non-polluting.
- Moisture curing mechanism, stable chemical performance.
- Corrosion and fungus resistant.

Fields of Application

- URE-COAT 101 is suitable for the waterproofing of concrete i.e. lean, raft, retaining walls, roofs, water tanks, dams and reservoirs.
- URE-COAT 101 have high adhesive strength to various substrate including concrete and metals.
- The applied resultant water proof film has outstanding fastness to water from both +ve and -ve side of concrete.

Technical Data

URE-COAT 101 Waterproof Coating				
No	Technical Specification	Standard	Test Result	Remarks
1.	Solid Contents (min.)	90-92	92	✓
2.	Drying Time (hour)	5-161	5-20	✓
3.	Fracture Tensile Strength (MPa)	2.5-3.25	3.00	✓
4.	Breaking Elongation % (Normal Temp.)	500-550	700	✓
5.	Volatile Organic Compound (voc-g/L)	≤ 200	164	✓
6.	Water tightness (MPa)	0.3 MPa	0.3	✓

Direction of Use

1. Elastomeric Polyurethane waterproof URE-COAT 101 is single component viscous material. It is strongly recommended to mix the product by low speed Drill mixer before application.
2. URE-COAT 101 can be applied by brush, roller or spraying methods.
3. The Substrate must be clean from dirt, loose materials and oils.
4. Water leaks should be plugged with suitable materials before the application.
5. Any cavities on concrete surface should preferably filled with cement mortar.
6. Construction joints and floor junctions should be taken care off before the application of URE-COAT 101.

Consumption

Area / M ²	Thickness
1 kg Single Coat	55 – 65 mm
2 Kg Two Coat	1.25 – 1.40 mm
3 Kg Three Coat	1.5 – 2.00 mm

Packing

25 Kg Pails.

Storage/Shelf life

- Keep product in Dry area, protect it from sun exposure and frost.
- Product life is 12 – 15 months from production date.



(A Member of the Product Group of Companies)