

FUTURA 5

ELASTOMERIC WATERPROOF COATING

DESCRIPTION

FUTURA – 5 is an Acrylic based highly elastomeric waterproof coating. After drying it forms a film of exceptional strength and flexibility that prevents peeling, fungi / algae growth, future cracks and water seepage. New FUTURA – 5 bridges bigger cracks effectively and it is ultraviolet resistant. FUTURA – 5 is now with 250 % elongation property.

TECHNICAL INFORMATION

Nature	one component water thinnable
Thinner	Portable water (Futura-5 +20% water)
Drying Time	Dry to Touch – 30 min. [@ 28 – 30°C & 60 ± 5% RH]
Recoating Period	Min 5 hrs [@ 28 – 30°C & 60 ± 5% RH]. Ideally 24 hrs
Elongation	250 - 300%
Coverage	Sealer coat: 80-100 sq.ft./ltr. and Finish coat: 35-40 sq.ft./ltr./2 coat. It may vary as per the porosity of substrate.
No. of coats	2-3 coats or depending upon the substrate
Finish	Smooth and matt
Application temperature	+5°C to +45°C
Temperature withstand capacity	-20°C to 90°C

FEATURES / ADVANTAGES

- Possess elongation properties to bridge existing cracks (up to 0.5 mm) and prevents future cracks with absolute finality.
- Remarkable elasticity and resilience for substrate's thermal expansion and contraction.
- Optimized rheology for high film build.
- Breathability for preventing moisture in walls and roofs (MICROPOROUS)
- Can be applied on damp surfaces.
- Can be used on coastal areas and gives corrosion protection to rebar's.
- Excellent alkali resistance.
- Resistance to chalking and flaking.
- UV resistant for outstanding durability.
- Available in 120+ attractive shades.

APPLICATION AREAS

- Exterior RCC surface
- Masonry walls or facades
- Stone walls

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- Asbestos
- China mosaic tiles
- Sloping roofs

DIRECTION FOR USE

Adequate surface preparation as given below is a must for product performance.

SURFACE PREPARATION

FUTURA Sealer Coats is a must on masonry surface to ensure maximum penetration & adhesion to substrate.

NEW MASONARY

Futura-5 should not be applied to concrete and other surfaces less than 7 days old. Ideally concrete should be allowed to cure for 28 days before application. Power wash to ensure no under bound cement remains on the surface. Allow surface to dry. Apply **Futura sealer coat** at a spread rate of 80-100 sq.ft./ltr./coat depending on the porosity of the concrete. Allow 2-4 hrs to dry. If possible wait 24 hrs before application.

EXISTING MASONARY

Power wash to remove all loosely adhered coating and other contaminants. Fill existing cracks with **Paintex-4 (Acrylic latex Caulk)** Paintable sealant. Apply **Futura sealer coat** at spread rate of 80-100 sq.ft./ltr./coat depending on the porosity of the concrete.

APPLICATION PROCEDURE

Futura-5 can be applied by airless spray, roller or brush. Coating can be diluted with water. After thinning with 10-20% water, apply first coat at spread rate of 8-8.5 sq.mt./ltr./coat. Allow to dry for 4 hrs (preferably 24 hrs.). Apply second coat at a spread rate of 8-8.5 sq.mt./ltr./coat after thinning with 10-20% water.

FOR NEW CONSTRUCTIONS

Use Futura Sealer +50% diluted Futura 5 as a primer coat and then two coats of **Futura 5**.

FOR SLOPPING ROOFS

Reinforce Futura 5 by incorporating polyester matt of min. thickness of 55-70 gsm as a part of sandwich membrane system. Lay this matt on the first wet coat before application of subsequent coats. System comprises of primer coat + 1 coat of Futura 5 + Polyester mat + 2 coats of **Futura 5**.

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PRECAUTIONS

1. Use of Futura sealer coat is must
2. Do not dilute Futura sealer
3. Do not over thin Futura 5 (not exceeding 20% water)
4. For better performance fill the existing cracks with sealant
5. The substrate should be free from chalking, dust, grease, loose paint, fungus & algae

WARRANTY

For a system warranty of 5 yrs.

- 2 coats of new Futura 5 (110 micron DFT) in addition to sealer coat of Futura Sealer.

For a system warranty of 10 yrs.

- 4 coats of Futura 5 (225 micron DFT) in addition to sealer coat of Futura Sealer.

PACKING

1 liter, 4 liters, 20 liters

SHELF LIFE

24 months if stored at room temperature.