

Decaproof

Liquid Applied Polyurethane Elastomeric Roof Coating

Description	It is a water base liquid applied one component polyurethane coating It is a fast cure, waterproofing elastomeric coating. It creates a moisture barrier, UV resistant, weathering resistant and flexible coating.
Where to use	<ul style="list-style-type: none"> • Concrete roofs. • Metal roofs. • Wood roofs. • Tiles & old roofing membranes. • Balconies & Patios. • Plaza decks. • Roof top (Re-Creationable areas).
Advantages	<ul style="list-style-type: none"> • Fast Cure, Solvent free. • UV-Stable. • Waterproof & water vapor permeable. • Excellent adhesion. • Crack bridging & Flexible at temperature from -40 °C /+90 °C. • Excellent weather and UV –resistance. • Eco-friendly. • Resistant to fire & smoke spread (Special version).
Properties	
Density	1.3 ±0.05 gm/cm ³
Vol. Solids %	60 %
Pot life @ 25 °C	40 minutes
Recoating time @ 20 °C	Min. 6 hours Max. 48 hours
Curing time @ 25 °C	7 Days
Tensile strength	3 N/mm ²
Elongation	500 %
Weather resistance	50 hours-one year
Shore A Hardness	80
Adhesion strength	2 N/mm ²
Water absorption	0.9 %
Abrasion Resistance	25 mg loss
Resistance to 1 m. column water pressure show no leak (BS EN 1928) It complies with ASTM D-2240, ASTM D- 903, ASTM D -471, ASTM D -412, A STM E-108	
Surface Preparation	<ul style="list-style-type: none"> • Surfaces must be clean, sound and dry, free from any contaminations (max. moisture content 5 %). • Old loose roofing must be removed by grinding machines. • Any surface irregularities must be smoothened.
Mixing	<ul style="list-style-type: none"> • Premix in its container. • Mix thoroughly with low speed mixer for 2 minutes .

Application	<ul style="list-style-type: none"> • Prime the substrate with Sealer E43, Bonding Primer in case of dry surfaces or Wetseal, for wet surfaces, and for metal surfaces Kemprim M or Kemprime AL can be used • Allow to dry overnight. • Repair cracks or joints with the material mixed with a dry filler to a butter consistency. • Use Proflex sealant for expansion joints. • Apply the coating with roller or airless spray until the surface is covered and leave 6 – 48 hours' intervals between coats • Apply another one or two more coats. • Leave to dry for 24 hours. • Reinforced system is recommended for the entire surface, wall-floor connections, vertical angles, chimneys, pipes and siphons. • Apply the Kemfelt fabric on the still wet Decaproof and press it to soak and saturate again with enough Decaproof considering 5 - 10 cm strips overlapping.
Theoretical coverage	<ul style="list-style-type: none"> • Unreinforced System: 0.5- 0.6 Kg/m² /250 microns D.F.T • 2 coats are recommended. • Reinforced System : 3 - 3.25 Kg/m² /1.5 mm D.F.T
Packaging	<ul style="list-style-type: none"> 5 Kg pails. 20 Kg pails.
Shelf life & Storage	6 months in its unopened Packs stored in cool, dry conditions.
Health and Safety	<ul style="list-style-type: none"> • Use goggles, gloves and breathing mask when applying. Use goggles, gloves and breathing mask hen applying. • Skin splashes to be removed with hand cleaner, soap and water. • Eye splashes to be washed with plenty of water. • If ingested seek medical advice.
Additional Information	<p>PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.</p> <p>PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range for our customer's satisfaction.</p> <p>PROKEM reserves the right to change the properties of its products.</p> <p>All orders are accepted subject to our current term of sale & delivery.</p> <p>Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.</p> <p>PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products.</p>