

Kemfloor PU/EP

Elastic, Solvent Free Polyurethane / Epoxy Flooring System

Description	It is a solvent free two components elastic polyurethane/epoxy floor coating. Standards: ASTM C 886, ANSI, AWWAC 210.		
Where to use	Kemfloor PU/EP can be used in: - Office and hospital floors. Tennis and multi-purpose courts. TV-studios and terraces or balconies. Cooling rooms and refrigerators.		
Advantages	Waterproofing Elastic crack bridging. Weather resistant Abrasion resistant. Solvent free.		
Properties			
Condition	Tensile Strength	Elongation	Tear Resistance
After 7 days @ 23° C	6.2 N/mm ²	100 %	1.19 N/mm ²
After 7 days @ 80° C	19.3 N/mm ²	95 %	1.55 N/mm ²
After 28 days @ 50° C	10.6 N/mm ²	103 %	1.48 N/mm ²
After 28 days @ 80° C	11.4 N/mm ²	65 %	1.96 N/mm ²
Specific Gravity	1.44 ±0.04		
Application Methods	Airless or Brush		
Pot Life @ 23° C	45 minimum (reduced at higher temperature)		
Dry to Touch	8 hours		
Dry to Recoat	Minimum 24 hours Maximum 3 days		
Fully Cured	7 days		
Surface Preparation	Concrete surface must be clean, dry, sound, level and free from dust, oil, grease and loose particles. For full details refer to PROKEM surface preparation and application guide, available on request.		
Mixing	Stir the contents of pack A to disperse settlement, then add pack B and mix until a uniform consistency is obtained. Adjust viscosity by adding PROKEM special solvent up to 5 %.		
Application	Apply Kemfloor PU/EP to the dry, prepared substrate making sure a continuous film is achieved using a standard paint brush, roller or spray machine.		
Theoretical Coverage	0.3 Kg /m ² for a coat of 200 microns D.F.T. 2 coats are recommended		
Cleaning	Clean immediately after use with Prosolve PU .		
Packaging	1 Kg Pack (A, B) 5 Kg Pack (A, B)		
Shelf Life & Storage	6 months in its original package if stored in suitable conditions.		

Health and Safety	<p>This product is of low toxicity but normal precautions should be observed. Wear gloves, and if working overhead or spraying, wear goggles. Wash off any skin splashes with soap and water. Irrigating the eye with an eye bathing solution should treat eye contamination. Ensure adequate ventilation in confined spaces and use breathing aids. If ingested, drink milk or water and seek medical attention.</p>
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. PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction. PROKEM reserves the right to change the properties of its products. All orders are accepted subject to our current term of sale & delivery. 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. PROKEM extends technical services to include after sales support to assist users in a proper handling of our product.</p>

