

Microcemento X3

Water Emulsifiable Epoxy Flooring

Description	Microcemento X3 is multi-purpose water-based two-components epoxy flooring, which cures to form a semi-mat, flexible, and easy to clean finish. Microcemento X3 combines the economy of water-emulsifiable flooring and the durability of epoxy-based coatings. Microcemento X3 can be thinned with water, is solvent-free and therefore, non-flammable, virtually odor-free, and can be applied to damp surfaces. The material complies with ASTM D2370, D7234	
Where to use	Microcemento X3 is used as an attractive easy to clean and a high abrasion coating on top of Microcemento® systems	
Advantages	Microcemento X3 provides the following advantages: • Easy to use pre-weighed packing • Economic • Hygienic and can be cleaned by commonly used cleaners and detergents • Durable • Water based no fire hazards • Chemical and abrasion resistance • Can be applied to damp surfaces	
Properties		
Density	1.41 ±0.02 gm. /cm ³	
Pot life @ 23 °C	2 Hours	
Solid content by volume	69 ±2 %	
Flash point	>200 °C	
Recoating time @ 23 °C	24 hours	
Abrasion resistance	80 mg	DIN 53109 (Taber abrasion)
Surface Preparation	The previous applied surface of Microcemento X2 must be clean, sound, dry and free from any contaminations.	
Mixing	• Stir the contents of pack A to disperse settlement • Add pack B and mix with a very low-speed mixer, until completely blended for 2 to 3 minutes • Be careful not to introduce any air bubbles while mixing until a uniform consistency is obtained	
Application	Apply Microcemento X3 with a roller to obtain a continuous uniform thickness making sure of whole surface coverage	
Cleaning	Tools and equipment should be cleaned with Prosolve EP immediately after use	
Theoretical coverage	3.45 sq. m/lit ≈ 0.4 Kg/m ² @ 200 microns D.F.T	

Packaging	5 Kg Pails (A+B)
Shelf Life & Storage	Microcemento X3 has a shelf life of 12 months if kept in original, undamaged packaging in a dry warehouse and away from sunlight
Health and Safety	• Use gloves and a breathing mask when applying • Apply forced ventilation in confined spaces • Skin splashes to be removed with hand cleanser, soap, and water • Eye splashes are to be removed with plenty of water If ingested, drink milk and plenty of water then seek medical advice
Additional Information	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 products.