

Microcemento X5

Solvent – Free, Flexible, Hygienic Aliphatic Polyurethane Finishing Coat

Description	A solvent free, two components Aliphatic isocyanate cured flexible polyurethane resin forming a weatherproof, UV resistant, hygienic finish coat. It complies with ASTM C267, D5895,522,4587, G153,154
Where to use	Microcemento X5 is used as an attractive easy to clean protective coating on top of Microcemento® systems
Advantages	<ul style="list-style-type: none"> • Solvent –free & Hygienic • Excellent adhesion to most substrates • Excellent weather resistance • UV stable 100% • Flexible, waterproofing membrane • High abrasion resistance • Chemical resistance to petrol, oils, solvents and acids • Temperature resistance: - 40 °C /+ 120 °C
Properties	
Density	1.3 ±0.05 Kg/cm ³
Pot life @ 23 °C	50 minutes
Time to recoat @ 23 °C	6 Hours
Full cure @ 23 °C	7 Days
Elongation%	25%
Tensile strength	7 N/mm ² a fully UV stable
Colors	Range of colors is available
UV- Resistance/50 Hours UV- Resistance/200 Hours UV- Resistance/500 Hours	No effect & no cracks
Surface Preparation	<ul style="list-style-type: none"> • The previous applied surface of Microcemento X2 must be clean, sound, dry and free from any contaminations • All loose particles and residues must be removed to provide a clean, dry and sound surface
Mixing	<ul style="list-style-type: none"> • Stir well components (A&B) individually before mixing • Add component (B) to component (A) and mix thoroughly until a homogeneous mix is obtained
Application	<ul style="list-style-type: none"> • The previous applied surface of Microcemento X2 can be primed with Sealer E43 • Wetseal primer if moisture exceeded 4% and leave to dry overnight • Apply the coating with a roller, brush and airless spray to a uniform finishing in one direction • Apply a second coat in perpendicular direction to the first coat and make sure all area is covered
Cleaning	Tools should be cleaned immediately after use Prosolve PU

Theoretical coverage	0.26 Kg/m ² at D.F.T 200 microns/coat 2 coats are recommended
Packaging	<ul style="list-style-type: none"> • 5 Kg Pails (A&B) • 20 Kg Pails (A&B)
Shelf life & Storage	6 months if stored in their unopened containers in cool, dry condition
Health and Safety	<ul style="list-style-type: none"> • 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	<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. 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.</p> <p>PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products.</p>