

Microcemento X4

Two Components Water Based Polyurethane Coating (Matt/Semi-gloss/ and Gloss Finish)

Description	Microcemento X4 is a two components aliphatic water based polyurethane finish that provides an excellent resistance to abrasion, shocks, stress and chemicals It can be used in wide variety of environment
Where to use	Microcemento X4 is used as an attractive easy to clean and a high abrasion coating on top of Microcemento® systems
Advantages	Microcemento X4 provides the following advantages: • Easy to use pre-weighed packing • Waterborne • Eco-Friendly • Excellent resistance to abrasion and shocks • Excellent resistance to chemicals, Indoor and outdoor application • Resistant to sunlight and weather • Heat tolerance range from - 40° C to + 90° C
Properties	
Density	1 ±0.03 gm /cm ³
Weather Resistance	50 hours / year
Water Absorption %	0.9 %
Color	Clear
Gloss	Matt, semi-gloss and gloss
Volume of Solids %	40 % ± 4
Pot Life @ 23 °C	40 minutes
Recoating Time	Minimum 2 hours
Open to Foot Traffic	Minimum 48 hours
Heavy Traffic	Minimum 7 Days
Pull-off Strength	2 - 3 N/mm ²
Abrasion Resistance	22 - 25 mg loss
Impact Resistance	Excellent
Resistance to 1 m column of water	Pressure shows no leak (BS EN 1928)
Surface Preparation	The previous applied surface of Microcemento X2 must be clean, sound, dry and free from any contaminations.
Mixing	• Part A should be mixed individually with a slow power mixer • Add Part B to the base in a continuously action while mixing • Mix thoroughly with power agitator for 2 – 3 minutes or until a homogeneous mixture is obtained • Let the mixture to stand for further 1 minute before application
Application	• Apply the 1st coat at temperature between 10 °C to 30 °C while R.H. is between 35 to 75% • Apply the 2nd coat within the time interval to the 1st coat and make sure a full coverage is achieved • Leave to dry for 24 hours for foot traffic

Cleaning	Tools and equipment should be cleaned with Prosolve PU immediately after use
Theoretical coverage	0.25 Kg /m ² for 100 micron D.F.T 2 coats are recommended
Packaging	5 Kg Pails (A+B)
Shelf Life & Storage	Microcimento X4 has a shelf life of 6 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.