

# Microcemento X4

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

Description	<b>Microcemento X4</b> 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	<b>Microcemento X4</b> is used as an attractive easy to clean and a high abrasion coating on top of <b>Microcemento®</b> systems
Advantages	<p><b>Microcemento X4</b> provides the following advantages:</p> <ul style="list-style-type: none"> <li>• Easy to use pre-weighed packing</li> <li>• Waterborne</li> <li>• Eco-Friendly</li> <li>• Excellent resistance to abrasion and shocks</li> <li>• Excellent resistance to chemicals, Indoor and outdoor application</li> <li>• Resistant to sunlight and weather</li> <li>• Heat tolerance range from - 40° C to + 90° C</li> </ul>
Properties	
Density	1 ±0.03 gm /cm <sup>3</sup>
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 <sup>2</sup>
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 <b>Microcemento X2</b> must be clean, sound, dry and free from any contaminations.
Mixing	<ul style="list-style-type: none"> <li>• Part A should be mixed individually with a slow power mixer</li> <li>• Add Part B to the base in a continuously action while mixing</li> <li>• Mix thoroughly with power agitator for 2 – 3 minutes or until a homogeneous mixture is obtained</li> <li>• Let the mixture to stand for further 1 minute before application</li> </ul>
Application	<ul style="list-style-type: none"> <li>• Apply the 1st coat at temperature between 10 °C to 30 °C while R.H. is between 35 to 75%</li> <li>• Apply the 2nd coat within the time interval to the 1st coat and make sure a full coverage is achieved</li> <li>• Leave to dry for 24 hours for foot traffic</li> </ul>

Cleaning	Tools and equipment should be cleaned with Prosolve PU immediately after use
Theoretical coverage	0.25 Kg /m <sup>2</sup> for 100 micron D.F.T 2 coats are recommended
Packaging	5 Kg Pails (A+B)
Shelf Life & Storage	<b>Microcemento X4</b> has a shelf life of 6 months if kept in original, undamaged packaging in a dry warehouse and away from sunlight
Health and Safety	<ul style="list-style-type: none"> <li>• Use gloves and a breathing mask when applying</li> <li>• Apply forced ventilation in confined spaces</li> <li>• Skin splashes to be removed with hand cleanser, soap, and water</li> <li>• Eye splashes are to be removed with plenty of water</li> </ul> If ingested, drink milk and plenty of water then seek medical advice
Additional Information	<p><b>PROKEM</b> 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><b>PROKEM</b> 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><b>PROKEM</b> reserves the right to change the properties of its products. All orders are accepted subject to our current term of sale &amp; 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><b>PROKEM</b> extends technical services to include after sales support to assist users in a proper handling of our products.</p>