

# Microcemento X3

## Water Emulsifiable Epoxy Flooring

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| Description             | <b>Microcemento X3</b> is multi-purpose water-based two-components epoxy flooring, which cures to form a semi-mat, flexible, and easy to clean finish. <b>Microcemento X3</b> combines the economy of water-emulsifiable flooring and the durability of epoxy-based coatings. <b>Microcemento X3</b> 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 <b>ASTM D2370, D7234</b> |
| Where to use            | <b>Microcemento X3</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 X3</b> provides the following advantages:</p> <ul style="list-style-type: none"> <li>• Easy to use pre-weighed packing</li> <li>• Economic</li> <li>• Hygienic and can be cleaned by commonly used cleaners and detergents</li> <li>• Durable</li> <li>• Water based no fire hazards</li> <li>• Chemical and abrasion resistance</li> <li>• Can be applied to damp surfaces</li> </ul>   |
| Properties              |   |
| Density                 | 1.41 ±0.02 gm. /cm <sup>3</sup>   |
| 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 <span style="float: right;">DIN 53109 (Taber abrasion)</span>   |
| 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>• Stir the contents of pack A to disperse settlement</li> <li>• Add pack B and mix with a very low-speed mixer, until completely blended for 2 to 3 minutes</li> <li>• Be careful not to introduce any air bubbles while mixing until a uniform consistency is obtained</li> </ul>   |
| Application             | Apply <b>Microcemento X3</b> with a roller to obtain a continuous uniform thickness making sure of whole surface coverage   |
| Cleaning                | Tools and equipment should be cleaned with <b>Prosolve EP</b> immediately after use   |
| Theoretical coverage    | 3.45 sq. m/lit ≈ 0.4 Kg/m <sup>2</sup> @ 200 microns D.F.T  |

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| Packaging              | 5 Kg Pails (A+B)   |
| Shelf Life & Storage   | <b>Microcemento X3</b> has a shelf life of 12 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> |