

Quick Installation Guide

Item	Operation
1	<p>Surface Preparation 1 Probably the most important of all stages is the preparation stage. Before installing the M-Flex layer you need to ensure that the surface is very flat with very little deviation to avoid heavy burnishing during the sanding phases.</p> <p>If the surface is heavily pitted or poorly finished, you may wish to consider installing a self-leveller before the mesh.</p> <p>The surface also needs to be free of oil, dust foreign contaminants, laitance and previous poorly adhered coatings removed to ensure a trouble-free bond to the surface.</p>
2	<p>SM1 Surface Sealer and Matrick Mesh Mesh Once surface is prepared, apply the surface sealer by medium pile roller and apply <i>M-Flex</i> Mesh into the sealer, ensuring that the mesh is well adhered and completely flat.</p> <p><i>One roll of Matrick mesh cover 50m², At full dilution, the surface should take approximately 150g per m²</i></p>
3	<p>M-Flex Polymer A+B In a clean vessel containing the proportionate quantity of acrylic resin, slowly add the <i>M-Flex</i> powder. Mechanically mix on a slow speed (300rpm-500rpm) ensuring a lump free mixture is achieved. Pour small amounts of the mix directly onto the mesh and spread using a flexible steel trowel.</p> <p>After the first coat of Mflex, the mesh will probably still be evident. Allow this coat to dry, (with forced air, around 1 hour, without forced area, around 2 to 3 hours) the surface should be walkable dry before applying the second coat.</p> <p>Apply the second coat, after this coat you may still see the mesh, but the profile should have disappeared, feeling smooth to the touch.</p> <p><i>A full pack of M-Flex should cover approximately 40m² – 50m² per coat</i></p>
4	<p>Surface Preparation 2 Once fully cured polish the <i>M-Flex</i> using 150-200 grit and vacuum off thoroughly to remove all dust and sand grains.</p>

5	<p>Installation of Matrick Cement - Base</p> <p>In a clean vessel containing the proportionate quantity of water and pigment, slowly add the <i>MicroCement Base</i> powder. Mechanically mix the on a slow speed (300rpm-500rpm) ensuring a lump free mixture.</p> <p>Apply one coat by pouring small amounts of the mix directly onto the floor and spread material using a flexible steel trowel.</p> <p><i>The M-Flex surface should take approximately 1 – 1.25 Kg per m2</i></p>
6	<p>Surface Preparation 3</p> <p>After the surface has dried, 1 to 3 hours depending on temperatures, polish the surface using 150-200 grit to remove any excessive ripples or ridges. Vacuum to remove all dust and sand grains.</p>
7	<p>Installation of Matrick Cement - Medium x 2 coats</p> <p>In a clean vessel containing the proportionate quantity of water and pigment, slowly add the <i>MicroCement Medium</i> powder. Mechanically mix on a slow speed (300rpm-500rpm) ensuring a lump free mixture.</p> <p>Apply two coats of <i>MicroCement Medium</i>, ensuring you wait until each coat has sufficiently cured before applying the second coat. Pour small amounts of the mix directly onto the floor and spread material using a flexible steel trowel.</p> <p><i>Each coat should take between 500g and 700g per m2</i></p>
8	<p>Surface Preparation 4</p> <p>Allow the medium cement to cure overnight (again depending on temperatures) Polish the surface using 150-200 grit to remove any excessive ripples or ridges. Vacuum to remove all dust and sand grains.</p>
9	<p>Sealing the Surface - PM1 Pre Sealer</p> <p>Dilute the <i>PM1 Pre Sealer</i> with water of 50:50 for the first coat. Best applied with a Microfibre mop. Leave for around half an hour, before applying a second coat of undiluted Pre-sealer. Remember to always maintain a wet edge when applying sealers.</p> <p><i>A 5 litre pack of PM1, should cover 45m2, with one coat diluted 50:50 (2.5l PM1 and 2.5l water) and the second coat of 2.5l neat PM1.</i></p>
10	<p>Sealing the Surface - UM1 PU Sealer (matt or satin)</p> <p>Pre blend part A until a uniform consistency. In a clean vessel empty the contents of Part A and the entire contents of Part B. Using a mechanical stirrer, mix until consistent colour throughout.</p> <p>Using a mid-pile roller evenly apply the <i>UM1 PU Sealer</i> ensuring a consistent look across the surface. Once the floor is dry, repeat this process until satisfied.</p> <p><i>A 5 litre pack of UM1, should cover 60m2 for one coat, or around 33m2 for two coats</i></p>