

# ERADUR<sup>®</sup> ESD RESISTENT LM3

<b>Product type:</b>	Two-component, pigmented epoxy coating. Can be filled with silicon carbide. ESD RESISTENT LM3 product is antistatic, and the coating prevents and dissipates static electricity. ESD approved according to IEC 61340-5-1
<b>Color:</b>	The coating has high technical requirements and can therefore leave something to be desired in terms of appearance. Suitable colour schemes would be hues of gray and black.
<b>Application areas:</b>	<ul style="list-style-type: none"><li>• Especially developed to withstand exposure to N-methyl-2-Pyrrolidone (NMP and NEP).</li><li>• Intended for surfaces subjected to heavy mechanical loads and high chemical exposure of solvents and other industrial chemicals.</li><li>• Suited for areas where it is needed to dissipate anti-static discharge.</li><li>• Coating of protective pools, tanks, and cisterns.</li><li>• Can withstand continuous exposure.</li></ul>
<b>Properties:</b>	<p>It provides a hard, dense, and durable surface that can be adapted to areas where slip-resistance is required. Adhesion to concrete and other mineral substrates. Coatings (&gt; 3mm) distribute point loads if there are also high mechanical requirements on the coating.</p> <p>Neither ERADUR ESD RESISTENT LM3 base nor hardener are poison-classified. The product has a medium viscosity. The application is not tedious and is relatively easy to install, requires no special equipment other than that used to install other epoxy floorings overlay. The desired end results properties are achieved without any significant issues.</p>
<b>Application temperature:</b>	It provides a safe and trouble-free curing down to about 15 °C.
<b>Pot life:</b>	Pot life after mixing is approximately 15 min.
<b>Curing time:</b>	Curing times varies based on room temperature, at 20 °C 1 day for light foot traffic. 2 days for pedestrians and lighter loads. 7 days for complete curing and resistance.
<b>Mixing ratios:</b>	<p>1,96 parts by weight of ERADUR ESD RESISTENT LM3, Comp A (10,6 kg) 1 part by weight of ERADUR ESD RESISTENT LM3, Comp B (5,4 kg)</p> <p><i>ERADUR ESD RESISTENT LM3 is a two-component product, and any insufficient mixing will result in partially incomplete curing. Mix for several minutes before the application, make sure that all the material in the bottom and sides of the container is properly mixed.</i></p> <p><i>Mixing ratios should be adhered to between component A and B. All materials should be at room temperature before use.</i></p> <p>A copper grounding tape must be made on the conductive grid underlayment. (included in a ERADUR ESD RESISTENT LM3 system)</p>
<b>Safety:</b>	Always use PPE material during mixing and application. Read the label and safety data sheet before using the product.

UK-31.10.2022