

ERADUR® ESD MASSIV SL

Product type:	Two-component, solvent-free and electrically conductive pigmented epoxy resin.ESD tested and approved according to IEC 61340-5-1	
Application areas:	<ul style="list-style-type: none">– Intended for surfaces exposed to static electricity.– Electrically conductive coating that prevents sparking.– Floor coverings for explosive-classified surfaces and explosive environments.– Electrically conductive properties are adapted to different industries, norms and standards.– ESD safety in sensitive areas such as computer rooms, operating rooms and premises – where sensitive electronic equipment is assembled, repaired, stored or used.– Unusually smooth ESD coating because no carbon fiber grains.	
Properties:	<p>It provides a hard, durable and non-porous surface that can be adapted to the requirements of slip-resistance. The adhesion to concrete and other mineral substrates is good. The coating provides a distribution of point loads at thicknesses above 3 mm.</p> <p>The coating prevents and dissipates static electricity.</p> <p>Good chemical-resistance. Withstands gasoline, oils grease, salts, water, etc. Limited resistance to strong acids and strong solvents. The resistance to alkali and lye is good. It does not emit odors and is not flammable.</p>	
Application temperature:	Provides safe and problem-free curing between 15–25°C (RH <80%)	
Pot life:	Pot life after mixing is approximately 35 at (20°C) min.	
Curing time:	<p>Curing time varies with temperature.</p> <p>At 20°C, the coating can be walked on after approximately:</p> <p>1–2 days for foot traffic.</p> <p>2–3 days for light loads.</p> <p>7–10 days for full curing and chemical resistance.</p>	
Mixing ratios:	<p>3,41 parts by weight of ERADUR ESD MASSIV SL comp A (11,6 kg) 1 part by weight of ERADUR ESD MASSIV SL comp B (3,4 kg)</p> <p><i>ERADUR is a two-component product, and an insufficient mixing will result in partially incomplete curing. Mix for several minutes with a machine just before the application, make sure that all material in the bottom and rim of the container is properly mixed.</i></p> <p><i>Keep the exact mixing ratio between component A and B.</i></p> <p><i>All materials should preferably have ambient temperature before use.</i></p>	
Safety:	Wear safety goggles and protective clothing during mixing and application. Read the label and safety data sheet before using the product.	
Technical specification:	Compressive strength	≥ 80 MPa
	Tensile strength	fracture in concrete
	Flexural strength	≥ 27 MPa
	Shore D	ca 80
	Solid content	100%
	Gloss	Blank
	Shelf life	6 months in an unbroken container (> 15°C).

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