

ERADUR® ESD MASSIV SL

Product type:	Two-component, solvent-free, pigmented epoxy coating. Adhesive Component in Eradur Massiv SL and Eradur Struktur SL when performed as monochrome. Eradur® ESD Massiv SL is the anti-static version of Eradur Massiv SL with otherwise equal properties. ESD approved according to IEC 61340-5-1	
Application areas:	Self-leveling coatings: 1 - 5 mm. - Pigmented sand coatings: 3 - 15 mm.	
Properties:	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. The coating prevents and dissipates static electricity. 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.	
Application temperature:	Application temp (floor temp): 12-25°C. (RH < 80% Air, RH < 93% Concrete). Can also be applied at other temperatures but requires a special hardener.	
Pot life:	Pot life after mixing is approximately 40 min.	
Curing time:	24-36 hours for pedestrians and lower loading. 5-7 days for complete curing and resistance. Several curing agents with different curing properties are available, e.g. - Massiv SL, B provides the best possible flow properties with slow curing. - Massiv SL LE, For a low emission coating. - Massiv SL U, B provides a quicker curing time compared, 4-6 hours.	
Mixing ratios:	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) 1 part by weight of ERADUR ESD MASSIV SL comp C (3,4 kg) <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> <i>Keep the exact mixing ratio between component A and B. All materials should preferably have ambient temperature before use.</i>	
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	ca 87 MPa
	Tensile strength	ca 41 MPa, i.e. fracture in concrete
	Flexural strength	ca 27 MPa
	Shore D	ca 82
	Solid content	100%
	Gloss	Blank
	Shelf life	6 months in an unbroken container (> 15°C).

UK-10.06.2022