

vebro EP ESD SL (Conductive)

vebro EP ESD SL (Conductive) is a pigmented, conductive, low emission, solvent-free, ready-to-use 2-component coating compound of high-grade epoxy resin.

vebro EP ESD SL (Conductive) produces a tough, electrically conductive coating according to DIN EN 1081 / DIN EN 61340-5-1, which is easy to clean and exhibits a good level of resistance to fuels and lubricants, most solvents and many chemicals.

vebro EP ESD SL (Conductive) is primarily used for industrial floors with high demands in terms of electrostatic discharge, especially in explosion proof areas and fire protection zones such as chemical plants, places where organic (flammable) solvents are stored and surrounding areas, hospitals and operating theatres.

Substrate Preparation

By enclosed captive shot blasting or vacuum assisted diamond grinding. Finish edges with hand tools to the same standard. Remove all residues to leave a dry and dust free open textured surface.

Application Instructions

The product is delivered in ready-to-use 2-component containers in the exact mixing ratio.

The A-component must be stirred for at least 2–3 minutes. Then the entire content of the B-component is emptied into the A-component container and the two components are mixed until homogeneous using a suitable electric stirrer (for at least 2–3 minutes). The inclusion of air in the mixing process is to be avoided.

The mixture is poured into another container and briefly stirred again. We recommend the application by equal batch numbers.

vebro EP ESD SL is poured onto the surface and spread over the entire area using a serrated trowel or suitable squeegee (e.g. tooth size no. 25) (layer thickness control). The fluid coating must be rolled with a spiked roller, as required. The applicator(s) are required to wear spiked shoes to walk on the still wet coating.

Please note, no handling of silicon containing substances or other products interfering with the reaction in the application area before and during application until the curing of the liquid resin.

Liquid Mixture

Consumption
1.20 – 2.50 kg/m²

Film Thickness
1.0 – 2.0 mm

Application Temperature
10 – 30°C
(min. 3°C above dewpoint)

Packaging (Unit Sizes)
25.0 kg (21.0 kg A + 4.0 kg B)

Colour
Refer to Vebro Polymers' Colour Chart

Shelf Life
24 months in closed original container

Storage
Dry conditions 10 – 25°C, avoid direct sunlight.

Working Time
20 – 25 minutes @ 20°C

Foot Traffic
After 24 hours @ 20°C

Overcoating Window
Up to 24 hours (maximum) @ 20°C

The typical physical properties given above are derived from testing in a controlled laboratory environment at 20°C. Results derived from testing field applied samples may vary dependent upon site conditions.

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Prior to application of the **vebro** EP ESD SL conductive coating, the **vebro** EP ESD Primer as the conductive primer layer must be suitably measured using an approved measuring device (e.g. Megameter)

Cleaning & Maintenance

For the long-term maintenance of the properties of polymer flooring materials, a regular cleaning and care programme is recommended.

Further Information

Information relating to the safe handling of this product can be found in the Material Safety Data Sheet. Local regulations concerning the safe handling of epoxy resin based coating materials must be observed. Suitable protective clothing including suitable eye protection must be worn at all times.

All consumptions listed are for recommendation purposes only. Detailed application instructions and system build-up advice can be provided on request through our Technical Services team.

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Vebro Polymers' systems and products are guaranteed against defective material and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request. For more information, please refer to individual product data sheets or contact our Technical Services team.

Vebro Polymers accepts no responsibility for liability claims based on the suggested practises and data values listed on product data sheets. Product data sheets are regularly updated and it is the user's responsibility to ensure they obtain the most recent version. The most recent versions can be found at www.vebropolymers.com

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