vebrostatic PU ESD SL (Conductive)

Pigmented self-smoothing polyurethane system that dispels electrostatic discharge in sensitive areas.

why choose **vebro**static PU ESD SL (Conductive)?

- Meets EN 1081, EN 61340-4-1
- Prevents fire and explosion risk from electrostatic charge
- Excellent resistance to fuels, lubricants, solvents and other chemicals
- Easy to clean, non-tainting and non-dusting finish
- Static crack bridging properties for mezzanines

Light Grey *(RAL 7035)*
Dusty Grey *(RAL 7037)*
Graphite Grey *(RAL 7024)*
Agate Grey *(RAL 7038)*
Concrete Grey *(RAL 7023)*
Beige *(RAL 1001)*

system design & **typical properties**

1	**Primer**	**vebro** EP Primer	0.30 kg/m²
2	**Copper Tape**	Self-adhesive copper tape	
3	**ESD Primer**	**vebro** EP ESD Primer	0.08 – 0.12 kg/m²
4	**Coating**	**vebro** PU ESD SL *(Conductive)*	1.25 kg/m² at 1.0 mm 2.50 kg/m² at 2.0 mm 3.75 kg/m² at 3.0 mm
5	**Sealer**	**vebro** PU ESD Seal *(Matt) (optional)*	0.13 kg/m²

Thickness	1.0 – 3.0 mm
FeRFA Type	Type 5
Fire Resistance *EN 13501-1*	B_{fl}-S1
Resistance to Earth *EN 1081 / EN 61340-4-1*	10^6 Ω / ≤ 10^9 Ω (Rg) < 3.5 x 10^7 Ω (Rs)
Compressive Strength *EN 196 / ASTM C 109*	~55 N/mm²
Flexural Strength *EN 196 / ASTM C 109*	~59 N/mm²
Wear Resistance *EN ISO 5470-1*	≤ 50 mg / 1000 cycles (Taber Abrader CS10 wheel)
Shore D Hardness *EN ISO 868*	65
Slip Resistance *BS 7976-2*	Dry: >36 PTV Wet: specify a slip-resistant alternative
Chemical Resistance	Resistant to a very wide range of chemicals.
Speed of Cure (at 20°C)	Light Foot Traffic: 24 hours Full Chemical Cure: 5 days

contact the **vebro** team

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low emissions AgBB

Please note, the applied colours may differ from the examples shown. *Colours marked with an asterisk will incur an additional supplement. 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. The slip resistance figures given above are affected by application techniques and prevailing site conditions. Slip resistance can reduce over time due to poor maintenance, general wear or surface contaminants. Good housekeeping practices should be observed. For a full technical profile, please refer to the data sheet for each product in the system design.

FeRFA MADE IN BRITAIN UK CA CE

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