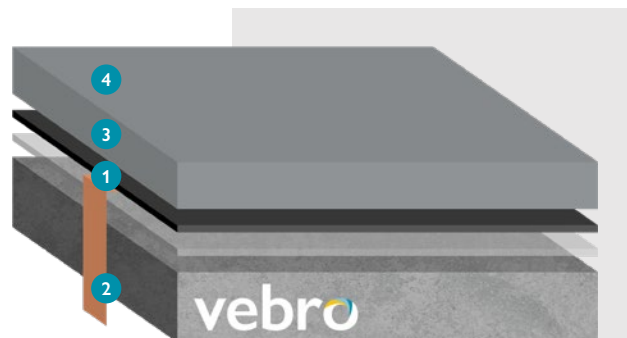


vebrocrete ESD SL

3.0 mm

vebrocrete ESD SL is a medium duty, easily-applied, self smoothing polyurethane concrete screed designed to dispel electrostatic charge.

vebrocrete ESD SL is best suited to use in dry food processing and preparation areas subject to moderate temperature swings, chemical spillage and medium duty traffic.



1 Primer

vebro EP Primer
0.30 kg/m²

2 Copper Tape

3 Conductive Primer

vebro EP ESD Primer
0.25 kg/m²

4 Topping

vebrocrete PU ESD SL
5.50 kg/m² at 3.0 mm

Benefits



High temperature resistance up to 60°C



Excellent resistance to corrosive foodstuffs and aggressive cleaning solvents



Excellent cleanability and seamless hygienic finish



Food-safe; solvent-free, odourless, non-tainting and non-dusting

Applications

- ✓ Food & Beverage Processing & Preparation
- ✓ Catering Kitchens
- ✓ Dairies & Cheese Production
- ✓ Warehousing & Distribution Centres
- ✓ Dry Processing
- ✓ Packaging Halls
- ✓ Laboratories



Light Grey



Mid Grey



Dark Grey



Red



Blue



Green



Mustard



Buff

Please note, the applied colours may differ from the examples shown. **vebrocrete** systems may exhibit a yellowing effect over time resulting from thermal, UV or chemical exposure. This will be more pronounced on light grey or blue shades, *Colours marked with an asterisk will incur an additional supplement.

To discuss colour fast options, or for colour cards and samples, please contact our Technical Services team – technical@vebro polymers.com

Technical Profile

Performance Criteria		
FeRFA Type / BS 8204-6	Type 5	
Electrical Resistance to Ground (500 V)	BS EN 1081 (R2) < 108 Ω	
Temperature Resistance	Resistant to cleaning up to 60°C at a minimum of 3.0 mm	
Slip Resistance	BS 7976-2: Pendulum Slip Test	≥ 60 dry
Chemical Resistance	Resistant to a very wide range of aggressive chemicals and corrosive byproducts. For a full chemical resistance breakdown contact our Technical Services team	
Abrasion Resistance	EN 13892-4 BS 8204-2	AR 0.5 Special Class
Shore D Hardness	75	
Adhesion	BS EN 1504-2	> 1.5 MPa
VOC Content	EU Directive 2004/42/EC	< 10 g/l Category J Type SB (< 500 g/l)
Working Time	~15 minutes (usable working life of material following mixing and immediate spreading as per the application instructions)	
Speed of Cure (at 20°C)	Light Foot Traffic – 12 hours	Heavy Duty Traffic – 48 hours
	Light Wheeled Traffic – 24 hours	Full Chemical Cure – 7 days

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.

Installation of Vebro Polymers' products should be carried out by an applicator with documented quality assurance and experience.

All consumptions listed are calculated using Vebro Polymers' approved quartz sands and fillers, the use of other third party material may cause changes to both the consumptions listed and the system's technical performance. Detailed application instructions and advice can be provided on request through our Technical Services team.

vebrocrete systems are suitable for application on cementitious substrates. These should be capable of bearing loads, free of cracks and voids as well as free from laitance, dust and other contamination.

Where the concrete substrate has a relative humidity of >75% vebrocrete MF / SL can be applied to 7-day old concrete which is visibly dry and having a minimum tensile strength (pull-off) of 1.5 MPa.

vebrocrete MF and SL should be applied as a scratch coat at 1.0 mm nominal thickness to prime and seal the surface. If pin-holes are evident in the scratch coat indicating that air is rising from the substrate, remedial action should be taken to re-apply the scratch coat or remediate locally using an appropriate and approved filler.

Allow to cure for a minimum 12 hours at 20 °C. If the scratch coat has been left to cure for >48 hours then the surface should be mechanically abraded and the area re-coated. Failure to do so may result in pin-holing of the surface topping.

In scenarios where there is permanent rising water, please contact our Technical Services team as special measures such as the use of a damp proof membrane may be required.

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 – technical@vebro polymers.com

All data values and suggested practises listed on system data sheets are approximate and for representation purposes only. In all instances, prior to installation a project-specific specification and / or professional advice should be sought.

Vebro Polymers accepts no responsibility for liability claims based on the suggested practises and data values listed on system data sheets. System 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.vebro polymers.com

for chemistry you can count on...

The Court, Kestrel Road, Trafford Park, Stretford, Manchester M17 1SF

w: vebro polymers.com | e: hello@vebro polymers.com | t: +44 (0) 1618 738 396