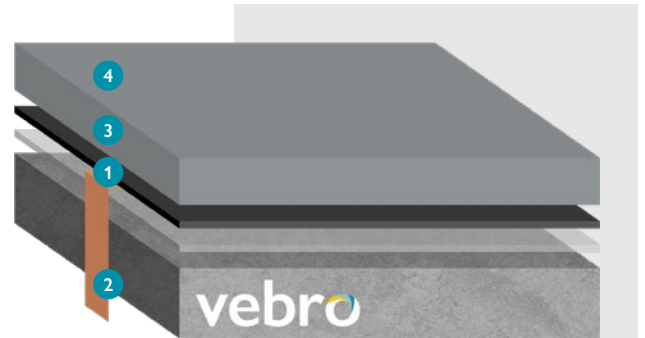


## vebrocrete ESD HF

6.0 – 9.0 mm

vebrocrete ESD HF is a heavy-duty, easily-trowel applied polyurethane concrete mortar designed to dispel electrostatic charge.

vebrocrete ESD HF is best suited to use in heavy-duty processing and preparation areas subject to extreme temperature swings, chemical spillage and heavy duty traffic.



### 1 Primer

vebro EP Primer  
0.30 kg/m<sup>2</sup>

### 2 Copper Tape

### 3 Conductive Primer

vebro EP ESD Primer  
0.25 kg/m<sup>2</sup>

### 4 Topping

vebrocrete PU ESD HF  
12.00 kg/m<sup>2</sup> at 6.0 mm  
18.00 kg/m<sup>2</sup> at 9.0 mm

### Benefits



Slip resistant profile; suitable for wet processing areas



Excellent resistance to corrosive foodstuffs and aggressive cleaning solvents



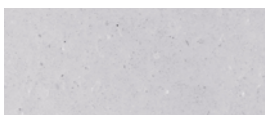
Excellent cleanability and seamless hygienic finish



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

### Applications

- ✓ Food & Beverage Production, Processing & Preparation
- ✓ Meat, Poultry & Seafood Processing
- ✓ Dairies & Cheese Production
- ✓ Bakeries & Confectionery Production
- ✓ Refrigerators, Freezers & Wet Processing



Light Grey



Mid Grey



Dark Grey



Red



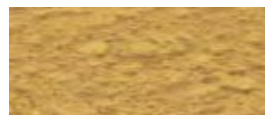
Blue



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](mailto:technical@vebro polymers.com)

## Technical Profile

Performance Criteria		
<b>FeRFA Type / BS 8204-6</b>	Type 8	
<b>Electrical Resistance to Ground</b> (500 V)	BS EN 1081 (R2) < 108 Ω	
<b>Temperature Resistance</b>	Resistant to spillages up to 70°C at 6.0 mm. Resistant to spillages up to 120°C and fully steam cleanable at 9.0 mm. If subject to frequent thermal shock and cycling, a good quality substrate is essential	
<b>Slip Resistance</b>	BS 7976-2: Pendulum Slip Test	≥ 55 dry / ≥ 40 wet
<b>Chemical Resistance</b>	Resistant to a very wide range of aggressive chemicals and corrosive byproducts. For a full chemical resistance breakdown contact our Technical Services team	
<b>Adhesion</b>	BS EN 1504-2	> 1.5 MPa
<b>Water Absorption</b>	CP-BM-2/67-2	0 litre/m <sup>2</sup>
<b>VOC Content</b>	EU Directive 2004/42/EC	< 12 g/l Category J Type SB (< 500 g/l)
<b>Working Time</b>	~15 minutes (usable working life of material following mixing and immediate spreading as per the application instructions)	
<b>Speed of Cure</b> (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. Concrete must exhibit a pull off strength > 1.5 N/mm<sup>2</sup>.

**vebrocrete** systems can be applied onto 7-day old concrete with a residual moisture content between 6-8%, or onto 2-3 day old polymer modified cement screeds. 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](mailto: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](http://www.vebro polymers.com)

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