# vebrocrete ESD MF


Medium duty, easily-applied, self smoothing, PU concrete for areas where ESD protection is critical.

## why choose vebrocrete ESD MF?

- High temperature resistance up to 70°C
- Excellent resistance to corrosive foodstuffs & aggressive cleaning solvents
- Excellent cleanability & seamless hygienic finish
- Food-safe; solvent-free, odourless, non-tainting & non-dusting
- Complies with HACCP food safety management guidelines

Light Grey | Dark Grey | Yellow

Green | Blue | Red

## system design & typical properties

| | | | |
|---|---|---|---|
| 1 | **Primer** | **vebro** EP Primer or **vebro**crete PU MF | 0.25 kg/m² |
| 2 | **Copper Tape** | | |
| 3 | **ESD Primer** | **vebro** ESD Primer | 0.10 – 0.11 kg/m² |
| 4 | **Topping** | **vebro**crete PU ESD MF | 3.80 kg/m² at 2.0 mm<br>5.70 kg/m² at 3.0 mm |

| | |
|---|---|
| **Thickness** | 2.0 – 3.0 mm |
| **FeRFA Type** *BS 8204-6* | Type 7 |
| **Temperature Resistance** | 5 – 70°C at 3.0 mm |
| **Fire Resistance** *EN 1350-1* | $B_fS1$ |
| **Conductivity** *EN 61340-4-1* | <$10^9$ Ω |
| **Co-efficient of Thermal Expansion** *ASTM C531* | 5.8 × $10^{-5}$ / °C |
| **Slip Resistance** *TRLL Pendulum Slip Test / DIN 51130* | Dry >70, Wet >21 / R9 |
| **Abrasion Resistance** *EN 13892-4 / BS 8204-2* | AR 0.5 / Special Class |
| **Shore D Hardness** | 80 after 28 days |
| **Compressive Strength** *EN 196-1 / ASTM C109* | 50 N/mm² |
| **Antimicrobial** *ISO 22196:2011* | After 60 wash cycles, 99.9% microbial growth reduction |
| **Speed of Cure (at 20°C)** | Light Foot Traffic – 12 hours<br>Full Chemical Cure – 7 days |

For a full technical profile, please refer to the data sheet for each product in the system design.

## contact the vebro team

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