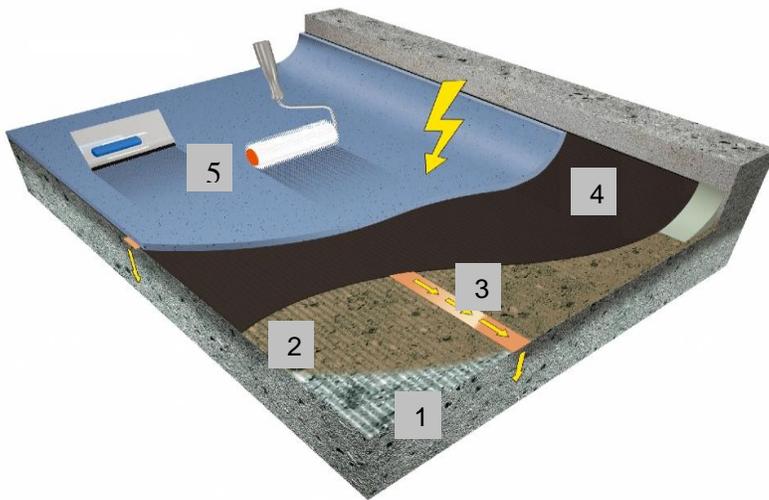




Epoxy Conductive with Excellent Chemical Resistance

FeRFA Type 5 System
DFT = 1.5 - 2mm



1. Surface preparation by suitable mechanical means.
2. Apply an isolating primer of e.g: Epoxy ST100 by roller.
3. Affix copper tapes and earthing points.
4. Apply Epoxy Conductive layer by roller.
5. Apply Epoxy WHG Color AS topping.

Typical Environment

	Light Loads	✓
	Moderate Loads	✓
	Increased Loads	✓
	Heavy Loads	✓

Suitable for Surfaces

Repaired and levelled surfaces	
Abraded and roughened coatings* (trial needed!)	
Existing surfaces subject to trial	

System Properties:

- Resistance to Ground <math><10^6 \Omega</math>
- Mitigates Risk of Explosion
- Smooth surface
- Durable
- Low Emission
- Fire Resistant to Bfl – s1
- Excellent Chemical resistance
- Crack Bridging





Conductive Coating with High Chemical Resistance

FeRFA Type 5 System
DFT = 1-2 mm

Item	Operation	Material / m ²
1	<p>Surface Preparation</p> <p>The substrate shall be prepared by suitable means to remove all contaminants and weakness to give a clean, sound load-bearing surface. If over coating a newly installed polymer modified flowing screed, ensure all surface dusting is completely remove during preparation.</p>	
2	<p>Priming</p> <p>Apply an isolating primer of Epoxy ST100 by roller to isolate any flooring underneath the conductive system. If a vapour barrier is also required, apply two coats of Epoxy MT100.</p> <p>Ensure that the surface is totally level and flat at this stage.</p>	Epoxy ST100 @ 0.3 kg/m ² per coat
3	<p>Earthing</p> <p>Apply Copper Tapes to link up all discrete zones.</p> <p>Apply earthing points min of 2 + 1 point per 100m² of floor.</p>	2 linear m/m ² No.
4	<p>Conductive Layer</p> <p>Apply Epoxy Conductive by roller to cover all tapes, earthing points and resin primer. Ensure when priming directly over tapes that rolling is done only along the tape length not from the side.</p>	0.20 - 0.25 kg/m ²
5	<p>Final Coat</p> <p>Apply Epoxy WHG Color AS, a two part self smoothing screed by notched blade (blade 25) and metal/needle spiked roller in two directions.</p>	1.5 kg/m ²

Notes: Application rates and coverage are theoretical and do not allow for surface profile variation, wastage or variation in application technique. In the case of high substrate roughness you should allow for additional levelling material to be used.

It should be noted that the conductive fibres and fillers may be visible in the finished surface of the system. For this reason we advise to avoid very light colours.