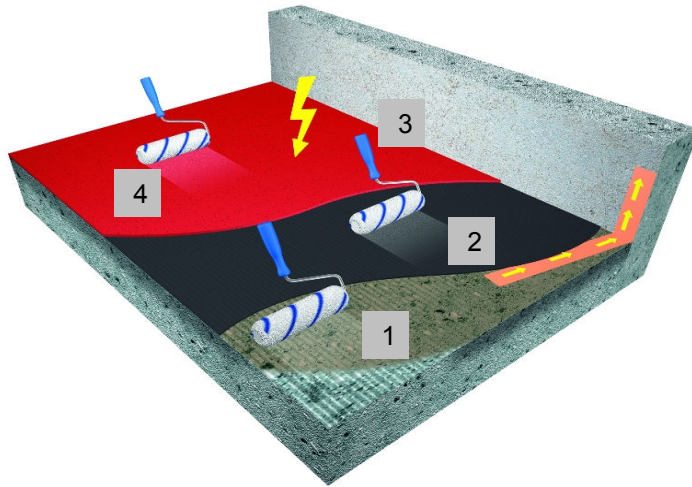




# Conductive Epoxy Flow Coating

FeRFA Type 5 System  
DFT = 1.0-1.5mm



1. Surface preparation by suitable mechanical means.
2. Prime prepared surfaces with dielectric isolation layer e.g. Epoxy ST 100.
3. Apply copper tapes as required.
4. Apply Epoxy Conductive Layer W over copper grid and primed surfaces.
5. Apply final Conductive Epoxy layer of Epoxy HD Color AS.

### System Properties:

- Wide range of colours
- Earth Leakage Resistance  $10^6 \Omega$
- Good chemical resistance
- For areas subject to explosion risk
- Good abrasion resistance
- Complies with DIN EN 1081
- Resistant to mechanical loads
- Tough surface finish

### Typical Environment

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

### Suitable for Surfaces

Clean concrete without surface sealer	
Prepared concrete and screeds	
Well adhered existing coating, subject to trial.	
Surfaces prepared by hand grinding	





# Conductive Epoxy Flow Coating

FeRFA Type 5 System  
DFT = 1.0-1.5mm

Item	Operation	Material / m <sup>2</sup>	Price / m <sup>2</sup>
1	<b>Surface Preparation</b> 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 an existing finish a trial shall be conducted to assess bond.		
2	<b>Priming</b> The prepared surfaces are primed with chosen priming system e.g. Epoxy ST 100 which also acts as a dielectric isolation layer.	0.3 kg/m <sup>2</sup>	
3	<b>Copper Tape Grid</b> Apply grid of copper tapes and fix to a suitable earthing point (by a qualified electrician). Ensure at least 2 earthing points are provided and then at least 1 per 100m <sup>2</sup> of floor.	varies	
4	<b>Carbon Conductive Layer</b> Apply evenly over both the copper grid and primed floor Epoxy Conductive Layer W to allow charge to be dissipated to the copper grid and then earth.	0.25 kg/m <sup>2</sup>	
5	<b>Top Coat</b> Seal the surfaces with a layer of Epoxy HD Color AS at an even layer thickness of 1mm, allow 15 minutes and then work through with a spike roller.	1.4 kg/m <sup>2</sup>	
<b>Total</b>			

**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.