



CHARLESWATER FLOOR PAINT AND EPOXY CHART

This chart has been provided to help you determine the type of floor paint and epoxy that best fits your needs. If you have further questions or would like a sample, contact the Charleswater Customer Service Department.

	Statguard® Conductive Acrylic Paint <u>71013, 71016 and 71017</u>	Statguard® Conductive Epoxy <u>71010</u>
Type	Water based acrylic coating	Water based conductive 2-part epoxy
Colour	Grey, Light Grey	Light Grey
Size	3.8 Litre (grey only), 19 Litre	15 Litre
Resistance (Rp-p)	1×10^4 to $< 1 \times 10^7$ ohms per IEC 61340-4-5	1×10^4 to $< 1 \times 10^7$ ohms per IEC 61340-4-5
Number of Coatings	Two-coat system	One-coat system
Estimated Coverage	7.2m ² to 9.6m ² per Litre (at a 0.0254mm to 0.0381mm thick dry film)	4.8m ² per Litre (at a 0.2mm wet application; dries to a 0.1mm coating)
Surface Preparation	1. Surface must be clean, dry, dull and smooth; heavy dirt or grease build-up should be removed with a stripper or degreaser; cleaning methods range from: sweeping, vacuuming, wire brush, air-blasting, water jet, steam cleaning or stripping 2. If surface is concrete, it must be in good condition; perform moisture test and repair prior to coating	
Grounding	1. Install Charleswater floor grounding kit 60293 2. Mount test point on wall near electrical outlet or other means to connect to earth protective ground 3. Attach self-adhesive copper earthing tape to ground and along floor out from wall 4. Apply paint or epoxy including over copper earthing tape	
Application Tools	Roller or spray	Notched squeegee and nap roller
Mixing	Mix paint thoroughly using speed drill with paint mixing attachment or paint mixer	Mix Part A (3.87l) to Part B (11.36l) Mixed material is usable for 30 minutes after mixing
Thinning	Can be thinned with water up to 10% max by volume	NOT RECOMMENDED as adding water will reduce conductivity of coating
Drying Time	1 to 2 hours before applying the 2 nd coat	12 to 24 hours
Finish/Sealer	Recommended for gloss and ease of maintenance Use Statguard® Dissipative Floor Finish 71049 or 71046	Optional Use Statguard® Dissipative Floor Finish 71049 or 71046
Cleaning	Sweeper, vacuum or broom Statguard® Floor Cleaner 71045 (allow 2 weeks curing time before 1st use)	Sweeper, vacuum, broom or scrubbing machine with a nonabrasive pad Statguard® Floor Cleaner 71045 (allow 7 days curing time before 1st use)
Maintenance	Statguard Floor Stripper 71047 every 12 months to remove build-up of Statguard® Dissipative Floor Finish 71049 or 71046	
Technical Document	TB-7001	TB-7039
Sample	Request a sample HERE .	

For complete preparation and application instructions please check the technical documents.