



GREMMLER®

BAUCHEMIE



CONDUCTIVE COATING SYSTEMS

Whether hospital, car supplier, explosive-prone, computer rooms, electronic production, chip industries etc., Gremmler Bauchemie offers for every area of application the best possible solution with its conductive coating systems.

Standard systems are AS and ESD (system structures see below).

System AS satisfies the demands for conductive coating systems according to DIN EN 61340-4-1 and has a contact resistance of less than 10^6 Ohm.

System ESD satisfies the demands for ESD protected areas according to valid standards DIN EN 61340-5-1 and DIN EN 61340-5-2. The Conductivity of this system is mostly independent from layer thickness and present relative humidity of air.

Both Systems are self-levelling, have a good resistance towards chemicals, a high degree of abrasion resistance, are easy to clean and decontaminate.



SYSTEM STRUCTURE AS

Primer: GI 110, GI 115
Drying time 8-12 h at 20°C
Alternative: GI 118 (rapid primer only suitable under rigid / inflexible coatings, for more information see data sheet)
Drying time 4-6 h at 20°C
Consumption: 250-400 g/m²

On extremely uneven or rough areas a leveling layer is needed! For this the primer is mixed with our quartz grading curve SLD in the ratio of 1:1 parts by weight and spread with a scraper.

Product: copper tapes for earth connection (min. 2 per room)
Consumption: 2 tapes with a length of 1 m / 50 m²

Product: conductive primer GI 125
Consumption: 80-150 g/m²

Product: Coating AS GI 126
Consumption: 2-3 kg/m²

SYSTEM STRUCTURE ESD

Product: GI 110, GI 115
Drying time 8-2 h at 20°C
Alternative: GI 118 (rapid primer only suitable under rigid / inflexible coatings, for more information see data sheet)
Drying time 4-6 h at 20°C
Consumption: 250-400 g/m²

On extremely uneven or rough areas a leveling layer is needed! For this the primer is mixed with our quartz grading curve SLD in the ratio of 1:1 parts by weight and spread with a scraper.

Product: copper tapes for earth connection (min. 2 per room)
Consumption: 2 tapes with a length of 1 m / 50 m²

Product: conductive primer GI 125
Consumption: 80-150 g/m²

Product: Coating ESD GI 127
Consumption: 1.5-2.5 kg/m²