

Product Data Sheet

Description

GZ Epoxy Anti Static Primer is a low viscosity epoxy primer containing conductive fillers to prime concrete and other substrates prior to application of RDS Anti Static resin systems.

Where to use

GZ Epoxy Anti Static Primer is used as the primer for the following RDS systems.

RDS Epoxy Flow – Epoxy self smoothing.

RDS PU Flow – Polyurethane self smoothing 2-3mm.

RDS PU TG 69 – Polyurethane screed 609mm.

RDS Epoxy Anti Static Primer has excellent adhesion to concrete, metal and wood and synthetic floors.

No additional earthing is required providing the substrate is in intimate contact with the ground. On raised and insulated floors additional earthing from a grid network of copper tape is required. The copper tapes applied to the prepared floor prior to application of the RDS Epoxy Anti Static Primer. The copper tape must be connected to an external earthing point after the floor installation has been completed.

Physical Properties 20°C

* See table reverse

Technical Data

* See table reverse

Preparation and application

Concrete to be prepared by vacuum shotblasting to remove laitance and free of contamination. All other surfaces to be prepared to a sound, contamination free state.

Ensure any settlement of the base component is reincorporated prior to adding the hardener component. Mix the two liquids for 2-3 minutes with a slow speed powered stirrer. Ensure the sides and base of the mixing bucket are scraped continually.

Apply with a short or medium pile roller. Work the material well into the floor surface. On porous surfaces, apply further material until surface is wetted out. Ensure to push out the material as thinly as possible whilst leaving enough resin on the surface to give a wet appearance. Allow to cure for 16 hours at 20°C before overlaying, but do not allow longer than 48 hours before overlaying.

Hygiene

GZ Primer is formulated from materials, which are designed to achieve the highest levels of performance as safely as possible. However specific components require proper handling and suitable equipment. This information is given in the relevant safety data sheet. In all cases spillage's or skin contamination should be cleaned as soon as possible by dry wiping the affected area and then thoroughly washing with soap and water.

The information given in this data sheet is derived from tests and experience with the products and is believed to be reliable. The information is offered without guarantee to enable purchases to

determine for themselves the suitability of the product for their particular application. Any specification or advice given by the company is based on the information supplied by the purchaser. Ground Zero Electrostatics cannot be held accountable for errors or omissions as a result of that information being incorrect or incomplete. No undertakings can be given against infringement of patents.

Coverage Rates

Rough porous concrete - 250g/m²
Average finish - 220g/m²
Smooth finish - 100g/m²

Physical Properties @ 20°C

Apply GZ Epoxy A/S Primer to prepared surface at a typical spreading rate of 220g/m², and allow to cure hard for a maximum period of 48 hours. Apply subsequent flooring system.

Cure Schedule

Pot Life @ 20°C	- 35-45 mins
Pot Life @ 10°C	- 60-75 mins
Hard Dry @ 20°C	- 16-24 hours
Hard Dry @ 10°C	- 24-36 hours
Full Cure @ 20°C	- 5-7 days

Technical Data

Bond Strength	- 40N/mm ² typical
BS 6319	
Compressive Strength	- 48-52N/mm ²
Flexural Strength	- 43-48N/mm ²
Mixed viscosity	- 3.0-5.0 poise
at 20°C	
Conductivity to	- Less than 5.0 x
BS 2050	10 ⁴ Ohms

Health and Safety

Please read technical data sheet and specific health and safety data for this product provided in compliance with the requirements of EC Directive 91/155.