

Robex Epoxy Safety Grip HD

A fantastic heavy-duty resin and aggregate system that provides an extremely hardwearing anti-slip surface. Epoxy Safety Coat is ideal for use in aggressive environments and can be applied as one or two coat system



In Person: Should you have any queries regarding product application, one of our trained sales engineers is always on hand to sort out any problems you may have.



On line: All of our technical data sheets and health & safety data sheets are available to download on line.



On site: If you would like Robex to apply your product for you call on the number below, we manufacture, we supply and we apply.



Colours Available



Robex Epoxy Safety Grip HD

- Can be applied to most surfaces
- Very good chemical resistance
- Coarse anti-slip finish
- Solvent free
- Low odour
- Very hard wearing

Robex Epoxy Safety Grip provides an extremely hardwearing heavy-duty anti-slip finish that can be applied to almost any surface. Ideal for use on ramps, stairs, walkways, loading bays, gantries and around machinery. This product is suitable for use internally and externally.

Epoxy Safety Grip HD can be applied as a one-coat system, the aggregate is added to the resin whilst it is still wet and the resin is then 'back rolled' to encapsulate the aggregate. However, we recommend that it is applied as a two coat system i.e. apply the resin and aggregate and then once the resin has cured (usually overnight) apply a further coat.

Robex Epoxy Safety Grip HD

- **Preparation**

All surfaces should be clean, free from laitance, oil, grease and any other agents that may impair adhesion. All cementitious substrates must be protected by an adequate and effective DPM and have a maximum residual moisture content of 5%. New concrete should be at least 28 days old or the moisture content less than 5%.

Dense and old concrete surfaces may require mechanical preparation to allow good adhesion.

Coating Galvanised Iron and Zinc/Aluminium and its Alloys: Special preparation is required for these surfaces depending on the age and condition. Please refer to our technical department before applying any Robex coating to this type of surface.

- **Mixing Ratio**

Three parts Base : One part Reactor by weight
(or one unit Base : one unit Reactor as supplied)

- **Pot Life** (working time after mixing)

60 minutes @ 20°C

- **Cure Time**

24 hours @ 20°C

- **Coverage**

Approximately one coat 15m² per 10 kg kit.

Two coats approximately 7m² per 10 kg kit.

- **Application**

Epoxy Safety Grip HD can be applied as a one or two coat system, we recommend applying as a two coat system as follows:

Two Coat System:

Mix the Base and the Reactor together for 5 minutes – the use of a paddle head mixer on a slow speed drill is desirable. Apply the resin by brush or roller to an area no greater than approximately

6-7 m² (It is important not to cover an area greater than this, because you will not have enough aggregate or top coat) and then broadcast the bauxite aggregate making sure that you fully cover all of the resin.

Once the resin has cured (approximately 12 hours) brush off all of the loose aggregate and mix and apply the second coat of resin.

One Coat System

Mix the Base and the Reactor as described above and apply the resin to an area of 12-15 m². Broadcast the aggregate evenly in to the resin and then using your roller 'back roll' the resin making sure that you only apply a light pressure to the roller during this process.

- **Flashpoint**

100°C

- **Storage Life**

12 months in original sealed containers. Protect from frost.

- **Cleaning**

To clean brushes, equipment, contaminants, etc., we recommend the use of Robex Cleaning Solvent RX117.

- **Health & Safety**

Please refer to the relevant Health and Safety Data Sheet.

No liability is accepted for any injury, loss or damage arising directly or indirectly from the use of the Company's products or from the use of information given in our data sheets, since the customer's use of the product is necessarily out of our control. The information given is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the products are suitable for their intended use.