



# Dustguard

## Epoxy Resin Floor Coating

### DESCRIPTION

Dustguard is a heavy duty, protective epoxy resin sealer which hardens, colours and extends the life and improves the appearance of new or old concrete. Dustguard provides a low maintenance, attractive surface to new and old floors, in areas where an abrasion and chemical resistant coating are required.

### USES

Dustguard is suitable for use in all types of industrial locations particularly in workshops, hangars and factories where it will withstand both pedestrian and forklift traffic.

### ADVANTAGES

- **Dustfree** dustproofs, seals and hardens in one operation
- **Durable** low maintenance costs
- **Penetrating** strengthens porous surfaces such as concrete
- **Fast Curing** floors can be back in use in 12 hours
- **Ease of application** can be applied by own maintenance staff
- **Chemical resistant** excellent resistance to a wide range of chemicals
- **Hygienic** impervious finish provides easily cleaned surface
- **Tough** withstands forklift traffic
- **Slip Resistant** Non-slip aggregate can be incorporated to provide slip resistance

### PHYSICAL PROPERTIES

- **Specific Gravity** 1.1
- **Pot Life** 2-3 hours
- **Cure Time** 7-8 hours
- **Time Between Coats** 8-9 hours
- **Initial Hardness** 24 hours
- **Open to Light Traffic** 8 hours
- **Full Cure** 7 days

BS EN 13892-4:2002	Abrasion Resistance	AR 0.5
BS EN 13892-8:2002	Bond Strength	B 2.0
BS 8204:Part 1 2003	Impact Resistance	Cat. A

(Below 20° C these times will be increased)

Chemically Resistant to Skydrol LD4 – BS EN 13529:2003



**BS EN 13813: 2002 / Synthetic Resin Screed Material**

### CHEMICAL RESISTANCE

Dustguard is resistant to a wide range of chemicals including Skydrol. Specific data is available on request

### COLOURS

Dustguard is available in a range of colours. For details refer to colour chart.

### TEMPERATURE

Dustguard should not be applied at temperatures below 10° C and above 40° C. A combination of low temperature and high humidity can effect the application and curing of this product.

## **INSTRUCTIONS FOR USE**

### **SURFACE PREPARATION – CONCRETE**

It is essential that the substrate surfaces are correctly prepared prior to application. New concrete or cementitious substrates should have been placed for at least 28 days, unless specially water reduced and give a protimeter reading of less than 75% RH before applying the Dustguard system. All substrates should be sound and free from contamination with oil, grease and other matter. Any oil or grease contamination must be removed completely by grinding, scabbling or shotblasting the contaminated areas to provide a clean substrate. It may be possible to prepare lightly contaminated areas by treatment with a neutral degreaser (please refer to Technical Services Department). Laitance should be removed by vacuum blasting, grinding or light scabbling. Old concrete floors should be prepared by one of the mechanical methods mentioned above.

**For preparation guidelines on other surfaces please contact our Technical Sales Team on 01978 661991.**

### **MIXING AND APPLICATION**

Dustguard is a two –pack system, supplied in pre-weighted units ready to mix and use on site. The entire contents of the hardener container should be added to the base container, the cap replaced and shaken vigorously for two minutes, to ensure that the pigment contents are evenly spread throughout the sealer. Invert the container during mixing.

#### **Coverage and Pack Sizes**

Pack Size (kg)	Pack Size (ltr)	Approx Coverage per Coat
1kg	1ltr	4-8 m <sup>2</sup>
4.5kg	4.5ltr	18-36 m <sup>2</sup>
9kg	9ltr	50-80 m <sup>2</sup>

**N.B. Coverage is dependent on surface texture and porosity**

### **DISPOSAL**

All tools and equipment should be cleaned with Conren solvent cleaner immediately after use. Spillage should be absorbed with sand or sawdust and disposed of in accordance with statutory regulations.

### **STORAGE**

Shelf life at least 12 months if stored in original containers between 10° C and 25° C

### **PRECAUTIONS**

For further information on our precautions please see the MSDS.

#### **Technical Service and Quality Assurance**

All information provided in this leaflet is based on results obtained from our own experience and testing which is given in good faith. The information is provided without guarantee as the user will be deemed to have satisfied themselves independently of the suitability of Conren's product for their own particular purpose. Conren Limited cannot be held responsible for any errors as a result of any incorrect information being provided.



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