



# Enamelcoat

## High Build Epoxy Resin Coating

### DESCRIPTION

Enamelcoat is a two pack high build epoxy coating, formulated to provide excellent finish and application properties. Two coats are recommended for most applications. Enamelcoat provides a durable, hardwearing, easily cleaned, dustfree and attractive surface finish for most building surfaces. Enamelcoat can be used as a solvent free replacement to Dustguard.

### USES

Enamelcoat is suitable for use as a coating in a wide range of industrial environments including chemical process areas, food and beverage processing plants, dairies, pharmaceutical plants, production workshops and warehousing areas.

### Advantages

- **Chemically resistant**      excellent resistance to a wide range of chemicals
- **Hygienic**                      impervious, dustfree, easily cleaned surface
- **Durable**                          good abrasion resistance
- **Solvent free**                      low odour formulation
- **Proven performance**          long standing job references
- **Attractive colours**              available in a wide range of colours
- **Easy to use**                      trained staff can achieve excellent application rates

### PHYSICAL PROPERTIES

- **Specific Gravity**                  1.5
- **Pot Life**                              20-30 minutes
- **Cure Time**                            8-16 hours
- **Time Between Coats**              12 hours
- **Initial Hardness**                    12 hours
- **Open to Light Traffic**              24 hours
- **Full Cure**                              7 days

(Below 20° C these times will be increased)

### FeRFA - Types of Synthetic Resin Flooring

**2 Coat System**                      Type 3 - High build floor coating

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

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

### COLOURS

Enamelcoat is available in a range of colours. Contact our Technical Services Department for details.

### TEMPERATURE

Enamelcoat 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.

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## CHEMICAL RESISTANCE

Enamelcoat is resistant to a wide range of chemicals. Specific data is available on request from the Technical Services Department.

## 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 Enamelcoat 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 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. Ensure that all concrete substrates are free from rising damp.

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

### MIXING AND APPLICATION

Mix the Enamelcoat by pouring the entire contents of the hardener container into the base container and mix thoroughly for 2-3 minutes using a drill with a paint mixer attachment. Apply by paintbrush or lambswool roller to an area of wall or floor to be coated consistent with the unit size of the Enamelcoat and the coverage to be achieved.

### COVERAGE AND PACK SIZES

Pack Size (kg)	Pack Size (ltr)	Approx Coverage Per Coat
2kg	1.5ltr	8-10m <sup>2</sup>
4kg	3ltr	16-20m <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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