



# Cera Guard 3000

## technical data

1st February 2003

### Description

**Robex Ceraguard 3000** is a high performance anti-bacterial wall coating that is odourless, non-tainting and mould resistant. Once cured, this product will kill life-threatening bacteria, quickly and permanently. **Ceraguard 3000** can be applied over existing coatings and to damp surfaces.

**N.B.** when over coating damp surfaces, the cure time will be retarded. For test results and further information, please contact our technical department.

### Preparation

All surfaces should be clean, dry and free from dust, grease, oil and fats. Any mildew or mould, which is present, should be removed.

Washing down of surfaces with a conventional biodegradable cleaner is strongly recommended following which, the area should be thoroughly washed with fresh water in order to remove all contaminants.

In the case of previously painted surfaces any loose or flaking paint should be removed. This product should not be applied to "green" concrete.

**Ceraguard 3000** will adhere to a damp surface; however, no actual surface water should be present.

### Coating Galvanized 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 (Primer & Topcoat)

The pack consists of two separate containers, one containing the base of the product, and the other containing the activator. Mix these two components thoroughly together until a creamy consistency is obtained, with no streaks or stripes. The use of a mechanical drill stirrer is best for this operation. When the product is mixed, apply to the area with a brush or short nap roller. It is advisable to mix full units, however, the mixing ratio is supplied underneath this text

### Mixing Ratio (Primer & Topcoat)

Base: 3 parts (by volume) Reactor: 1 part (by volume)

### Cure Time (Primer & Topcoat)

*Touch dry:* 5-8 hours

*Over coating:* after 16 hours

*Hard dry:* 24 hours

*Full cure:* 3/4 days

### Pot Life (Primer & Topcoat)

55-60 minutes at 20°C

**NB: The product will increase in viscosity during the pot life period and after the time stated above the product will be unusable.**

### Application

**Ceraguard 3000** – primer and topcoat - can be applied by brush, roller or spray. When applying by roller we recommend shorthaired lambs wool. Apply the **Ceraguard 3000** primer and after 16 hours but before 7 days, apply the topcoat making sure to thoroughly cover the primer. Apply further coats, if necessary, after 16 hours but before 7 days. We would not recommend that the system be applied when the relative humidity is greater than 75% even humidity levels of 60% would retard the drying time.

Condensation will also lead to an extended cure time.

Temperatures below 10°C can severely retard the drying time and should be avoided.

### Usage Temperatures

As with all coatings pot life and cure times will depend on the temperature during application and the temperature at which the products were stored prior to mixing. Temperatures below 10°C will severely retard the drying time. Temperatures below 5°C should be avoided.

In very warm/hot conditions the pot life and cure time will be reduced.

### Storage Life

12 months in original sealed containers provided protected from frost and extremes of temperature.

### Spraying Details

To spray **Ceraguard 3000**: Product should be thoroughly mixed and 10% water added to mixture and thoroughly stirred.

*Equipment:* Graco King Pump

*Air Supply:* 100 c.f.m. Road Compressor

*Tip Pressure:* 23 Thou

*Spray Angle:* 60°

### Cleaning

To clean brushes, equipment, contaminants, etc., we recommend the use of **Robex All Purpose Cleaner**.

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.

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