

Description

Centrecoat Ultra 2 Pack Hygiene Coating is an extremely abrasion resistant anti-bacterial two pack epoxy resin coating designed for application onto floors and walls in high wear areas. Ideal for application onto many substrates including concrete, timber, primed steel, previously painted surfaces and more. Available in thousands of colours upon request.

Benefits

- Very hard
- Exceptional abrasion resistance
- Resistant to oils and solvents
- Solvent free
- Almost odourless and easy to clean
- Kills many types of bacteria such as E.coli 0157, Listeria sp., Staphylococcus aureus, Salmonella, Shigella sp and MRSA

Colours & Finish

Available in most RAL and BS shades. Satin gloss finish.

Preparation

The substrate should be dry and clean, free from ascending humidity and sufficiently coherent (tensile strength min. 6 kg/cm²). Centrecoat Ultra Two Pack Hygiene Coating can be applied directly on most mineral substrates (for example old concrete, tiles, glass etc.). Curing compounds in case of poly-concrete have to be removed by means of sand or grit blasting.

On new concrete or non-porous concrete, remove cement grout by sand or grit blasting, treatment with diluted hydrochloric acid at a ratio of 3 Litres hydrochloric acid to 10 Litres water or with a suitable etching solution. For these two last solutions, there is obligation to rinse abundantly and to allow drying through of the surfaces.

Porous substrates shall be impregnated with Centrecoat Ultra Two Pack Hygiene Coating diluted with 10 to 20% volume water. Centrecoat Ultra Two Pack Hygiene Coating may not be applied on an elastic paint coat or a moving substrate.

Minimum application temperature: 8°C.

Application

To ensure homogeneity, coating materials should be thoroughly stirred prior to use. Stir the activator thoroughly using an electrical mixer at low speed. Add progressively under stirring to the base. Stir the mixture thoroughly until an even colour and consistency are obtained during minimum 3 minutes. Temperature of the mixed materials should be at least 10°C.

- If applying by brush, dilute with water as necessary.
- If applying by roller, dilute 1st coat with maximum 10% volume water. Apply second coat undiluted.
- If applying by airless spray, use a 015 - 017 nozzle with a pressure of 220 bars. Apply first coat dilutes with 5 - 10% volume water. For second coat dilute with max. 5% volume water.
- If applying by rake or trowel, pour the material on the clean floor and distribute it evenly with a rake or trowel. Treat the surface directly after application with the deaeration roller to release the trapped air and to improve the self-leveling effect. Maximum DFT: 3 mm. When used as a self-levelling coating, drying times will be slower: 24 hours for pedestrian traffic.

Technical Data

- Volume Solids: 48 - 50%
 - Flash Point: Non flammable
 - VOC: 0g/l
 - Density: 1.45 g/cm³
 - Wet Film Thickness: 200 µm
 - Dry Film Thickness: 100µm
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- Pot Life: 2 hours at 20°C
 - Touch Dry: 9 hours at 20°C
 - Dry to Handle: 12 hours at 20°C
 - Overcoatable: Between 24 hours and 72 hours at 20°C
 - Fully Cured: 7 days at 20°C

Coverage

- For Walls: Approx 6 - 7m² per Kg
- For Floors: Approx 3 - 4 m² per Kg

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

Clean Up

Clean tools and equipment immediately after use with fresh water.

Storage

Store between 5°C and 35°C.

Shelf Life

2 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

Packaging

Available in 4 and 15 Kg

Recommendations

Always provide good air ventilation; so even when it rains, windows and doors have to be opened wherever possible. The 2 components must be mixed under mechanical agitation. For use on floors submitted to heavy abrasion, standard and medium colours are recommended. In case of deep and/or bright tones (red, yellow, orange, green, blue etc), it is advised to apply a clear topcoat.

Roller application of epoxy coatings may cause markings, especially in dark/deep colours. These represents a purely optical appearance and has no influence on the quality of the coating. If the focus is on the decorative aspect, it will be necessary to apply a transparent topcoat or alternatively use airless application.