

Technical Data Sheet

Product Description

Centrecoat Ultra Wallcoat and Floorcoat is an easy to clean water-dilatable bactericidal 2-component epoxy coating that dries to give a very hard, resilient semi-gloss appearance with excellent resistance to oils, solvents and many industrial chemicals. It contains leading edge technologies that impart bactericidal properties to the coating throughout its specified service life.

Intended Uses

Centrecoat Ultra Wallcoat and Floorcoat was formulated for the painting of walls and ceilings in areas where hygienic conditions are of prime importance and where excellent abrasion resistance is needed to help maintain a hygienic environment. It is suitable for use in hospitals (including operating theatres), schools, retirement homes, food factories, food preparation areas, restaurants, veterinary practices, abattoirs and many other facilities where a clean environment and public health is of concern. Please note that whilst the use of Centrecoat products gives an added layer of protection, regular cleaning remains an essential part of good hygiene practice.

Technical Information

Efficacy

Independent laboratory testing carried out using standard protocols, such as JIS Z 2801, and ISO 22196 has demonstrated that a log 5/6 (99.9999 %) reduction in the viable cell count of hygiene-critical micro-organisms is typical.

Physical Properties

Colours: White plus a range of colours via standard water-based mixing schemes.

Gloss Level: Sheen finish

Solids by volume nominally 50 %

Specific Gravity typically 1.45 g/cm³ (when activated ready for use)

Wet film thickness: 140 microns, yielding a dry film thickness of 70 microns.

Spreading Rate: approx 7 m²/l

Drying times: Touch dry: 4 hours

Recoat: 24 hours

Full Cure: 7 days

NB. At temperatures below 10°C, this product can only be recoated after two days.

Mixing Ratio 4:1 by volume.

Pot life: 1½ hours.

VOC Content: nominally 0 g/l

Flashpoint: Not flammable

Substrate Preparation

Centrecoat Ultra Wallcoat and Floorcoat can be applied directly onto most mineral substrates (such as old concrete, tiles, glass, etc.) that are dry (moisture content below 6 %), clean and free from contaminants such as dirt, grease and chemicals. It must not be applied onto a flexible paint system or substrate.

New Walls/Uncoated Surfaces - For most surfaces two coats should be sufficient. The first coat can be thinned if necessary with up to 10% with clean water to act as a sealer. This should be followed after overnight drying by a second coat of Centrecoat Ultra Wallcoat and Floorcoat, applied undiluted. **Previously Painted Walls** - Suitable pre-treatment is of the utmost importance. Old paint especially if flaky or of an unknown type should be completely removed. As some paints may still cause poor inter-coat adhesion when overcoated, it is always advisable to check for suitability by undertaking small-scale trials prior to painting.

Clean all old paintwork and remove all loose and flaky paint, any oil or greasy residues, dust etc. Such substrates should then be lightly flatted to give a smooth surface with an adequate key before the application of a compatible finishing coat.

Do not apply when the air or surface temperature is below 8°C or in conditions of high humidity. Surface temperature must always be a minimum of 3°C above dew point. Painting should only be carried out under favourable atmospheric conditions and when condensation will not occur during the drying period.

Always provide a good air movement and ventilation, keeping windows and doors open until the paint is dry.

Application methods

NB. The two components must be mixed using mechanical agitation.

Airless Spray: Tip size: 021 – 023 at a pressure of 220 bar

1st coat: Dilute with up to 10 % water

2nd coat: Apply undiluted to obtain optimum gloss level.

Brush: Possible.

Roller: Dilute 1st coat with up to 5 % water

Apply 2nd coat undiluted to obtain optimum gloss level.

Centrecoat Ultra Wallcoat and Floorcoat is not suitable for application by conventional spray techniques.

Always use clean water for thinning purposes and to clean equipment.

Shelf Life

At least 12 months from the date of delivery, when stored indoors in the original *unopened* packaging, at normal room temperature.

Packaging

Supplied in two separate containers to make 5 litres of mixed product.

Health & Safety

Familiarise yourself with MSDS: Centrecoat Ultra Wallcoat and Floorcoat section before using this product.

If you need to obtain further details telephone us on: 01462 421333.

Application Recommendations:

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| Min application temperature: | 10°C |
| Max. relative humidity: | 75% |
| Substrate Temperature: | >3°C above dew point |
| Thinning: | 5% clean cold water |
| Brush Application: | Do not overspread. 4" brush maximum |
| Roller Application: | Medium/short pile Mohair type preferred |
| Airless spray application: | Pump 30:1 ratio Tip size 17 thou Tip pressure 3000 psi Fan angle 60° |
| Cleaning Solvent: | Clean towels water and detergent |