



# PRODUCT DATA SHEET

## Centrecoat HB Anti-Corrosive Cladding Paint

<b>Product Description</b>	This product is a low odour, high flashpoint, one-coat primer/finish with high build potential. It has been specially formulated as an emissions-compliant coating and conforms to EU Decopaint Directive 2004/42/CE as a one-pack performance coating (VOC below 500g/l) and Department of Environment PG6/23(04) table 6, having a solvent content of less than 0.6 times the total mass of solids.
<b>Intended Uses</b>	This multi-functional product is designed for application directly onto cladding, and to provide good phosphate-based anti-corrosive protection for iron and steel, whilst being tolerant to application directly onto wood and over suitably prepared old paintwork.
<b>Colour</b>	Available in a wide range of colours including most British Standards, RAL and special colours to customer requirements. Some colours may contain lead-chromate pigments. If lead-free pigmentation is required, please state this when ordering.
<b>Gloss Level</b>	Semi Matt.
<b>Volume Solids Emissions</b>	Typically 50%-55%, varying slightly with colour.
<b>VOC</b>	Emissions value: typically 0.45 times the weight of solids, varying slightly with colour. VOC typically 390 grams per litre varying slightly with colour.
<b>Method of Application</b>	This product is designed for application by airless and air-assisted airless spray using a 15-17 thou tip with 50° fan, as well as by conventional spray, brush and roller when thinned appropriately (which will not render the product non-compliant).
<b>Film Thickness</b>	A minimum Dry Film Thickness (DFT) of 80 microns is recommended, which can be applied as a one or two coat system. A DFT of 40 microns per coat is recommended for brush application and 100 microns for spray application, which are approximately equivalent to wet film thicknesses of 77 microns and 185 microns respectively.
<b>Theoretical Coverage</b>	6.9 square metres per litre when applied by brush and also 6.9 square metres per litre for spray application. NB. The practical coverage rate depends on many factors and will always be less than the theoretical figure.
<b>Drying Time</b>	Touch Dry - 1 ½ hours. Through Dry - 3 hours. Hard Dry - Overnight. Full Cure - 1 week. Drying times will vary with actual conditions such as: film thickness, air movement, temperature and humidity. Figures quoted at 20°C.
<b>Flash Point</b>	Above 32° C.
<b>Shelf Life</b>	12 months when stored indoors, in original unopened containers, within the temperature range 10°C to 32°C. Mix thoroughly before use.
<b>Packaging</b>	5 litres and 20 litres.
<b>Health &amp; Safety</b>	Familiarise yourself with MSDS before using this product.



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### Application

#### Suitable Substrates

Centrecoat HB Anti-Corrosive Cladding Paint can be applied onto previously painted substrates, most types of metal cladding, iron, steel and wood. However, when repainting PVF2 cladding, a surface tolerant primer is required as a first coat to ensure adequate adhesion.

#### Surface Preparation

Apply only to clean, dry and suitably prepared surfaces. On old paintwork, remove all loose and flaky paint back to a firm edge. On all substrates, clean off any oil or greasy residues, dust, scale, rust, etc. The surfaces to be painted should then be lightly flatted, to give a smooth surface with an adequate key, before the application of this product.

#### Application Process

Coating adhesion and performance is in general proportional to the degree of surface preparation.

This product is supplied 'ready for use' airless spray application. If required, it should be thinned slightly with Centrecoat HB Anti-Corrosive Cladding Paint Thinner. In hot weather, it may be necessary to add additional solvent to compensate for evaporated solvent. Normal thinning is unlikely to affect the compliant nature of this product.

Do not apply or dry when air or surface temperature is below 5°C, above 30°C or in high humidity or where condensation is likely to occur (i.e. Surface temperature must always be a minimum of 3°C above dew point). Painting should only be carried out under good atmospheric conditions and clement weather. Painting in direct sunlight can lead to a patchy appearance if the surface temperature is in excess of 30°C. Preparation, painting and drying should never be undertaken: when the air temperature falls below the minimum temperature for the coating, or during fog, mist, snow, or when rain is imminent, or when the surface to be painted is wet with condensation or when condensation may occur during the drying period.

#### Overcoating

If a second coat is required, for brush application recoating should ideally be carried out after overnight drying. For spray application anytime after 2 hours or when touch dry.

NB. This product may show an adverse reaction if overcoated by certain paints that are based on strong solvents such as xylene.

### Thinning and Cleaning

#### Thinning

Thin in accordance with the guidance given under Application Process.

#### Cleaning

Clean all equipment using Centrecoat HB Anti-Corrosive Cladding Paint Thinner immediately. Ensure all lines, tips, etc. are thoroughly flushed out. It is not sufficient to leave equipment filled up with solvent.

The foregoing information is given in good faith on the basis of practical experience and extensive laboratory tests. Quoted figures are either theoretical values or typical of production batches. However, as we have no control over the conditions of application or the quality and standard of preparation of the substrate and the many other factors affecting the use and application of the product, the customer must determine the suitability of the delivered product for the intended application. Therefore unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of this product or for any loss or damage arising out of the use of the product, or its use in conjunction with other manufacturer's product(s). Stir the paint well before use and always check the shade as no responsibility for a colour complaint is accepted after application. The information in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous improvement. For professional use only.