

### Description

Centrecoat QD Gloss Spray Finish is formulated on high quality alkyd resin technology. Suitable for application through conventional or airless spray. Provides good colour and gloss retention and is suitable for overcoating of primed steel substrates. Ideal for application to industrial equipment, general machinery and tools.

- ▶ Resistant to mild chemicals
- ▶ Good exterior durability and film hardness
- ▶ Quick drying for minimum downtime
- ▶ Superior scratch resistance
- ▶ Easy to apply

### Colour / Finish

Available in a wide range of colours including most british standard and ral shades. Corporate, bespoke and other shades available on request. Some colours contain lead chromate so please state when ordering if lead free pigmentation is required. Full gloss finish.

### Preparation

#### Primed steel substrates

Refer to the Technical Data Sheet for the primer being overcoated. As a general rule allow sufficient time for the primer to become handle dry. Once the primer to be coated is clean, dry and free from all contamination, lightly flat to give a smooth surface with an adequate key before application of the coating. If recently applied primers or undercoats are denibbed or flatted, an extended period of drying should be allowed for the surface to recover. Failure to follow this instruction could result in surface defects such as crazing, lifting, extended drying times or loss of gloss in the finish coat.

#### Existing paintwork

Once the surfaces to be coated are clean, dry and free from all contamination, remove loose flaky paintwork back to a firm edge then lightly flat to give a smooth surface with an adequate key. Apply the material to a small test area to ensure there are no adverse reactions with the existing coating before painting can be carried out.

### Application

Do not apply or dry when the air or substrate temperature is below 5°C or in excess of 30°C otherwise film appearance and coating properties may be adversely affected. Surface temperature must also be a minimum of 3°C above dew point. Outdoors preparation, painting and drying should only be undertaken during good weather conditions and never when rain is imminent or on days when a drop in temperature could result in condensation forming on the paint during the initial drying period or overnight. Mix thoroughly before use.

#### Airless or airmix systems

Thin 5% with **Centrecoat QD Gloss Spray Thinner 037** to achieve the correct atomization for airless/airmix. Use 9 thou tip size. 120 - 140 Bar pressure at 1700 - 2000 psi.

#### Conventional or H.V.L.P. spray systems

Add thinner as required to achieve the correct atomisation but care should be taken not to over thin as this will greatly affect the performance and build of the material resulting in additional coats to achieve the required build. A full even coat should be applied in parallel passes, overlapping 50% on each pass. Some colours may require an initial half coat followed by a single full coat at the recommended WFT. Use tip size 1.6 - 2.0mm. 3 - 4 Bar pressure at 40 - 60 psi. Spray viscosity 30 - 32 secs Din 4 at 20°C.

#### Brush or Roller

This material has limited capabilities when coating large areas or panels due to the speed of drying and is

therefore recommended for small areas only. Subsequent coats of this material are not recommended by brush or roller application. However, should they be necessary allow the first coat to dry for 4 hours to prevent possible reaction.

### Overcoating

Should additional coats be required for higher film builds these should be applied after material has become touch dry. Application to a small area for testing is advisable if overcoating between handle and full cure times.

### Technical Data

- ▶ Volume solids: 42% depending on shade
- ▶ Flash Point: 25°C (BS EN ISO 3679 closed cup)
- ▶ VOC: 500 g/l dependant on shade
- ▶ Mixing ratio: ready to use. If using airless / airmix / brush / roller add wet edge as per instructions above
  
- ▶ Wet Film Thickness: 100 - 105 microns
- ▶ Dry Film Thickness: 35 microns
  
- ▶ Touch Dry: 15 minutes at 20°C
- ▶ Dry to Handle: 1 - 2 hours at 20°C
- ▶ Full Cure: 7 days at 20°C

Drying times will vary with film thickness, air movement, temperature and humidity.

### Coverage Rate

Approx 12m<sup>2</sup> per litre

### Thinning / Clean Up

- ▶ For Airless / Airmix: Thin Up To 5% With [Centrecoat QD Gloss Spray Thinner 037](#)
- ▶ For Conventional / HVLP: Thin Between 10 - 20% With [Centrecoat Cladding Protect Thinner](#)
- ▶ For Brush / Roller: Thin Up To 5% With [Centrecoat QD Gloss Spray Thinner 037](#)

Clean all equipment immediately after use with [Centrecoat Cladding Protect Thinner](#) or [Centrecoat Cladding Protect Gunwash](#). Ensure all lines, tips, etc. are thoroughly flushed out. It is not sufficient to leave equipment filled up with thinner or Gunwash.

### Shelf Life

12 months in unopened containers when stored under cover within the temperature range 5 - 35 °C.

### Packaging

Available in 5 and 20 litres