

Description

Centrecoat QD Sheen Primer Finish is an economical one coat primer/finish, with a higher sheen level than usual for the customer who wants their steel articles to look good without costing the earth. Yields a quick drying high sheen finish to give a good all round durable finish resistant to mild chemicals, with good exterior durability, corrosion resistance, salt spray and excellent re-overcoating properties. Ideal for skips, containers and metal bins.

- ▶ Quality high sheen finish
- ▶ Zinc phosphate anti-corrosive pigmentation
- ▶ One coat application, quick drying for minimum downtime
- ▶ Airless or conventional application
- ▶ Resistant to mild chemicals

Colour / Finish

Available in a wide range of colours including most British Standard and RAL Shades. Corporate, bespoke and other shades available by arrangement. Lead Chromate pigment can be used if end user meets requirements and has authority from ECHA to use. Sheen finish.

Technical Data

- ▶ Volume Solids: 42% dependant on colour
- ▶ Flash Point: 25°C (BS EN ISO 3679 Closed Cup)
- ▶ VOC: 540g/l

- ▶ Wet Film Thickness: 190 - 230 microns
- ▶ Dry Film Thickness: 85 - 100 microns

- ▶ Touch Dry: 15 minutes at 20°C
- ▶ Through Dry: 1 hour at 20°C
- ▶ Handle Dry: 2 - 4 hours at 20°C
- ▶ Fully Cured: 10 - 16 hours at 20°C

Drying times will vary with actual conditions such as film thickness, air movement, temperature and humidity. Above times are at 20°C, under normal conditions as the drying time depends on air temperature, air movement and relative humidity.

Coverage

Approx 5 m² per litre

NB. The practical coverage rate depends on many factors and will be less than the theoretical figure.

Preparation

Steel Fabrications

Once the surfaces to be coated are clean, dry and free all contamination, grind down any sharp edges and shot blast to Sa2½ (as defined in ISO 8501-1) with an average surface profile of at least 50 microns. As an alternative to shot blasting, mechanically prepare the surfaces to St3-C or St3-D (as defined in ISO 8501-1). Painting should then be carries out within four hours.

Existing primer or finish

Remove loose flaky paintwork back to a firm edge. Ensure all surfaces are clean, dry and free from all contamination before lightly flattening 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.

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. Best results will be achieved using a power mixer. Apply 1 to 2 coats as required.

Airless / Air Assisted Spray

Supplied ready to use. Use 13 - 15 thou tip size at 140 bar, 2000 psi. Flush all lines with a compatible solvent before application to avoid 'throw out' and blocking of the filters. Using a brush to provide a 'stripe coat' on difficult to reach areas such as internal welds, rough spots, bolts or corners before application of the spray coat is a good method of ensuring adequate build is achieved. One even coat applied in parallel passes, overlapping 50% on each pass to avoid bare areas, pinholes or holidays. A single coat at the recommended WFT is satisfactory for most purposes. However, should additional coats be required for higher film builds these should be applied wet on wet after the solvent has flashed off.

Conventional / HVLP Spray

Thin 5:1 with [Centrecoat Cladding Protect Thinner](#). Use tip size 2mm at 30 psi. 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. Using a brush to provide a 'stripe coat' on difficult to reach areas such as internal welds, rough spots, bolts or corners before application of the spray coats is a good method of ensuring adequate build is achieved. Even coats should be applied, wet on wet after the solvent has flashed off, in parallel passes, overlapping 50% on each pass to avoid bare areas, pinholes or holidays to attain recommended or required WFT.

Brush / Roller

Apply by brush or roller to suitably prepared substrates. Please note due to the speed of drying this should be limited to small areas only.

Thinner / Cleaner

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

Shelf Life

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

Packaging

Available in 5 and 20 Litres