

Product Data Sheet

Cromadex Liquid Coatings Cromadex 495 Primer Finish High Temperature Resistant (up to 550°C) Primer Finish

Product Description

Cromadex 495 is a high temperature resistant primer finish suitable for items reaching temperatures of up to 550°C.

The product has a fast touch dry time helping to improve productivity. It has excellent covering power helping to reduce application costs.

Cromadex 495 is available in black as standard, with other colours available on request.

Products and Ancillaries

495 Primer Finish
05-46 Thinner
85-72 Thinner

Suitable Substrates and Preparation

| | |
|------------------------|---|
| Mild steel | Degrease and abrade with P180. If necessary blast clean to remove millscale, minimum surface preparation SA2. |
| Aluminium | Degrease and thoroughly abrade with P240 |
| Stainless steel | Degrease and thoroughly abrade with P180 |

Application Details

| | | |
|-----------------------------|--|-------------------------|
| Thinning Ratio | 5 parts 495 Primer Finish 1 part 05-46/85-72 Thinner (dependent on application equipment) | |
| Spraying Viscosity | 45 – 55 seconds ISO Cup4 @ 20°C | |
| Approved Thickness | 20 – 25 microns DFT | 45 – 60 microns WFT |
| Spray Gun | Fluid tip size | Working pressure |
| <i>Conventional</i> | 1.4 – 1.8 mm | 3.5 – 4.2 bar |
| <i>Suction Feed HVLP</i> | 1.8 mm | 0.7 bar (max) |
| <i>Pressure Pot HVLP</i> | 1.0 – 1.4 mm | 0.7 bar (max) |
| <i>Airless</i> | 11 – 21 thou | |
| <i>Air Assisted Airless</i> | 11 – 15 thou | |
| Electrostatic | Resistivity will require adjustment. Please inform your local Cromadex centre at time of purchase. | |
| Heated Methods | Reduce thinning ratios as required | |

Drying and Overcoating

| Substrate Temperature | Drying Times | | Overcoating Times | |
|------------------------|---|-------------|-------------------|---------|
| | Touch Dry | Through Dry | Minimum | Maximum |
| 20°C | 10 mins | 1 hour | Not recommended | |
| Stoving | 200°C for 30 minutes | | | |
| Full Properties | After stoving or when heated article is in use. | | | |

Cromadex 495 Primer Finish

Storage and Handling

| | |
|-------------------|---|
| Storage | Storage should be in accordance with the instructions in Section 7 of the relevant material safety data sheet |
| Shelf Life | 12 months in an unopened, original container from date of mixing at Cromadex centre |
| Pack Size | 5 litres |

Physical Properties

| | | |
|----------------------|--|-------------------------|
| Volume Solids | 42.5 % | |
| Colour | Black, other colours available on request, please contact your local Cromadex centre for more details. | |
| Gloss | Matt (10%) <small>A variance of +/-5% may be obtained dependent on application process</small> | |
| Coverage | 17 m ² /l @ 25 microns, assuming 100% transfer efficiency | |
| | VOC | Specific Gravity |
| <i>495 Primer</i> | 485 g/l | 1.46 |
| <i>05-46 Thinner</i> | 867 g/l | 0.87 |
| <i>85-72 Thinner</i> | 870 g/l | 0.87 |

Safety Precautions and Disclaimer

Before using this product please refer to the Cromadex Material Safety Data Sheet.

The information contained in this data sheet is not intended to be exhaustive, and any person using the product without first obtaining written confirmation from us as to the suitability of the product for the intended purposes, does so at their own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree to do so, we do not accept any liability whatsoever arising from the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

It is the user's responsibility to check that this data sheet is current prior to using the product.