

Product Data Sheet

Cromadex Liquid Coatings Cromadex 280 Primer Finish One Pack Eggshell Primer Finish

Product Description

Cromadex 280 is a one pack eggshell primer finish suitable for both interior and exterior use.

The product contains zinc phosphate giving added corrosion resistance for greater durability. It is a high build product making it suitable for application over shotblasted steel.

Cromadex 280 is available in full Cromadex range of colours, including BS, RAL, and special matches all in a lead free finish.

Products and Ancillaries

280 Primer Finish
05-46 Thinner

Suitable Substrates and Preparation

Degreasing with Cromadex 678 Spirit Wipe is recommended and should be carried out after any abrasion of the surface

Steel Degrease and abrade with P180. If necessary blast clean to remove millscale, minimum surface preparation SA2

Application Details

Thinning Ratio Not normally required, dependent on application equipment

Approved Thickness 75 – 100 microns DFT 175 – 230 microns WFT

Spray Gun	Fluid tip size	Working pressure
<i>Pressure Pot HVLP</i>	1.0 – 1.4 mm	0.7 bar (max)
<i>Airless</i>	11 – 13 thou	2500 psi
<i>Air Assisted Airless</i>	11 – 13 thou	2000 psi
		10-20 psi air-assist
Brush/Roller	Suitable for small areas and touch-up only	

Drying and Overcoating

Substrate Temperature	Drying Times		Overcoating Times	
	Touch Dry	Through Dry	Minimum	Maximum
15°C	40 mins	3 hours	6 hours	Indefinite
25°C	30 mins	2 hours	4 hours	Indefinite
40°C	15 mins	1 hour	2 hours	Indefinite

Full Properties 7 days

280 Primer Finish is overcoatable after the minimum drying time (above) with itself and Cromadex 233 & 400 Topcoats (for cosmetic purposes only).

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 & 20 litres

Cromadex 280 Primer Finish

Physical Properties

Volume Solids	51 % (dependent on colour)	
Colour	Full range available including BS, RAL and special matches – all lead chromate free	
Gloss	Matt-Eggshell (10-20%) A variance of +/-5% may be obtained dependent on application process	
Coverage	5.1 m ² /l @ 100 microns (dependent on colour), assuming 100% transfer efficiency	
VOC		Specific Gravity
280 Primer	490 g/l (dependent on colour)	1.25 (dependent on colour)
05-46 Thinner	867 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.