

Product Data Sheet

Cromadex Liquid Coatings

Cromadex 242 Topcoat

One Pack Fast Air Drying Alkyd Medium Texture Topcoat

Product Description

Cromadex 242 is a one pack fast air drying topcoat that comes in a medium texture finish that adds value to your article. It has excellent covering power to help reduce application costs. The product has a fast touch dry time enabling improved productivity.

The unique resin and pigment technology used enables both a wide variety of applications and gives a durable finish.

Cromadex 242 is available in the full Cromadex range of colours and gloss levels, including BS, RAL and special matches all in a lead free finish.

Extra Life

Life expectancy of up to 7 years in a C2* environment when used with a suitable Cromadex primer. See Extra Life brochure for full details.

* as determined in ISO12944

Products and Ancillaries

242 Topcoat
05-46 Thinner (Standard)
85-72 Thinner (Slow)

Suitable Substrates and Preparation

Mild Steel	Degrease with Cromadex 678 Spirit Wipe and abrade steel with P180. If necessary blast clean to remove millscale, minimum surface preparation SA2. Apply suitable Cromadex primer
Aluminium & Galvanised Steel	Apply Cromadex 903 Chromate-Free Etch Primer (then other Cromadex primer if required)
Stainless Steel	Use of Cromadex 903, AQ58, 750 or 850 primer is required

Application Details

Thinning Ratio	10 parts 242 Topcoat 1-2 parts Thinner (dependent on application equipment)	
Spraying Viscosity	45 – 65 seconds ISO Cup4 @ 20°C 25 – 30 seconds BS 4 Cup @ 20°C	
Approved Thickness	25 – 35 microns DFT	55 – 75 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>	1.4 – 1.8 mm	0.7 bar (max)
<i>Pressure Pot HVLP</i>	1.0 – 1.4 mm	0.7 bar (max)
	Other methods not suitable	

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Drying and Overcoating	Substrate Temperature	Drying Times		Overcoating Times	
		Touch Dry	Through Dry	Minimum	Maximum
	20°C	25 mins	16 hours	Not recommended	
	35°C	15 mins	12 hours		
	Force Drying	Flash-off for 10-15 mins, then 60-80°C for 30 mins			
	Stoving	Not recommended			
	Full Properties	7 days			
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			
Physical Properties	Volume Solids	46 % mixed, dependent on colour			
	Colour	Full range available including BS, RAL and special matches – all lead chromate free			
	Gloss	Visual appearance will be affected by the medium texture additive			
	Coverage	18 m ² /l @ 25 microns, assuming 100% transfer efficiency			
		VOC			Specific Gravity
		242 Topcoat	479 g/l (dependent on colour)	1.12 (dependent on colour)	
	05-46 Thinner	867 g/l	0.87		
	85-72 Thinner	870 g/l	0.87		
Safety Precautions and Disclaimer	<p>Before using this product please refer to the Cromadex Material Safety Data Sheet.</p> <p>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.</p> <p>It is the user's responsibility to check that this data sheet is current prior to using the product.</p>				