

Product Data Sheet

Cromadex Liquid Coatings – Glass Coatings

Cromadex 800 Topcoat Two Pack Non-Isocyanate Acrylic Topcoat

Product Description

Cromadex 800 is a two pack non-isocyanate acrylic topcoat with excellent durability and chemical resistance. The product uses unique resin technology to enable direct adhesion to glass for “backpainted” glass projects and for internal decorative effects in shop-fitting.

The product is formulated without isocyanate helping to reduce health and safety concerns.

Cromadex 800 is available in the full Cromadex range of colours, including BS, RAL, metallic, sparkles and special matches all in a lead free finish.

Products and Ancillaries

800 Topcoat	No 6 Thinner	000050500 Glass Cleaner
800 Curing Agent	25-03 Thinner	

Suitable Substrates and Preparation

Glass	Clean thoroughly with Cromadex Glass Cleaner
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Application Details

Mixing Ratio	5 parts 800 Topcoat 1 part 800 Curing Agent 1-2 parts 25-03 Thinner (dependent on application equipment)
Spraying Viscosity	45 – 70 seconds ISO Cup4 @ 20°C 25 – 30 seconds BS Cup4 @ 20°C
Pot Life	8 hours @ 20°C (dependent on colour)
Approved Thickness	80 – 100 gsm

Application Details

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)

Drying and Overcoating

Substrate Temperature	Drying Times		Overcoating Times	
	Touch Dry	Through Dry	Minimum	Maximum
20°C	15 mins	4 hours	wet-on-wet	Indefinite
35°C	10 mins	3 hours	wet-on-wet	Indefinite

Note: Wet edge can be extended with use on No 6 Thinner

Force Drying	Flash-off for 10-15 mins, then 60-80°C for 30 mins
Stackable	12 hours
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	1, 5 & 20 litres

Cromadex 800 Glass Topcoat

Physical Properties

Volume Solids	47 % mixed, dependent on colour	
Colour	Full range available including BS, RAL, metallics, sparkles and special matches – all lead chromate free	
Coverage	16 m ² /l @ 30 microns, assuming 100% transfer efficiency	
	VOC	Specific Gravity
800 Topcoat	466 g/l (dependent on colour)	1.14 (dependent on colour)
800 Curing Agent	491 g/l	1.00
25-03 Thinner	873 g/l	0.87
No 6 Thinner	870 g/l	0.87
Glass Cleaner	790 g/l	0.79

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.