

Selection & Specification Data

Generic Type	Water borne acrylic latex	
Description	A high quality acrylic latex coating formulated from durable 100% acrylic resins to protect and beautify exterior surfaces.	
Features	<ul style="list-style-type: none"> - Excellent UV and weathering resistance - Semi-gloss finish - Meets the most stringent VOC (Volatile Organic Content) regulations - Used as a topcoat for primers when used over steel substrate - Protection of concrete or masonry in new or maintenance applications - Not recommended for immersion service 	
Colour	White & Pastel shades only. May require multiple coats for adequate hiding.	
Finish	Semi-gloss	
Dry Film Thickness	50 Microns	
Solids Content	By Volume 36% ± 2%	
Theoretical Coverage Rate	7.2m ² /litre at 50 microns	
	NOTE: Material losses during mixing and application will vary and must be taken into consideration when estimating job requirements.	
VOC Values	As supplied	24gm/litre
Temp Resistance	Non-immersion	
	Continuous	77°C
	Non-continuous	93°C *
	* Coating may discolour	

Substrates & Surface Preparation

General	Remove any dirt, oil, grease or other contaminants from surface to be coated by washing with water-rinseable alkaline detergent, followed by a thorough rinse with clean potable water.
Steel	Apply over clean, dry, recommended primers.
Concrete	Apply over clean, dry, recommended surfacer or primer. Can be applied directly to dry concrete where an uneven surface can be tolerated. Remove laitance by abrasive blasting or other means. Do not coat concrete treated with hardening solutions unless test patches indicate satisfactory adhesion. Do not apply coating unless concrete has cured at least 28 days at 21°C and 50% RH or equivalent time.

November 2016 replaces April 2013

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Application Equipment

Spray	The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.	
Conventional	Pressure pot equipped with dual regulators, 10mm minimum I.D. material hose, 1.8mm fluid tip and appropriate air cap.	
Airless	Pump Ratio *	30:1 (min)
	GPM Output	3.0 (min)
	Material Hose	10mm I.D. (min)
	Tip Size	.015" to .019"
	Output psi	1800 (124 bar)
	Filter Size	60
	* Teflon packings are recommended and are available from the pump manufacturer.	
Brush	Use synthetic bristle brush, applying with full strokes. Avoid excessive re-brushing.	
Roller	Use a short nap mohair roller with phenolic core. Avoid re-rolling.	
	Multiple coats may be required for uniform hiding when applied by brush or roller.	

Mixing & Thinning

Mixing	Mix to a smooth consistency with mechanical agitator such as a "Jiffy" mixer.
Thinning	Thin up to 10% by volume with clean potable water if required.

Application Conditions

Condition	Material	Surface	Ambient	Humidity
Normal	16-30°C	18-30°C	18-32°C	10-85%
Minimum	10°C	10°C	10°C	0%
Maximum	38°C	50°C	49°C	90%

Do not apply when the surface temperature is less than 2°C above the dew point. Water-based products are sensitive to moisture during curing. Do not apply if the temperatures are expected to drop below 10°C within 24 hours of application, or if rainfall is imminent.

Special thinning and application techniques may be required above or below normal conditions.

NOTE: High humidity will lengthen cure times due to slower water evaporation rate.

Curing Schedule

Surface Temp. & 50% Relative Humidity	Dry to Recoat	Final Cure
10°C	8 Hours	60 Hours
16°C	4 Hours	36 Hours
25°C	3 Hours	24 Hours
32°C	1 Hour	12 Hours

Cleanup & Safety

Cleanup	Use warm, soapy water. If material has dried or if equipment is to be used with solvent-based coatings, use Thinner # 2.
Safety	Read and follow all caution statements on this product data sheet and on the material safety data sheet for this product. Employ normal workmanlike safety precautions. Use adequate ventilation and wear gloves or use protective cream on face and hands if hypersensitive. Keep container closed when not in use.
Caution	Read and follow all caution statements on this product data sheet and on the material safety data sheet for this product. Water-based product. Keep above 0°C. Employ normal workmanlike safety precautions. Keep container closed when not in use. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

Packaging, Handling & Storage

Shipping Weight (Approximate)	Carbocrylic 3350	5 Litre 7kg
Flash Point (Pensky Martens Closed Cup)	Carbocrylic 3350	>93°C
Storage Temperature & Humidity	10 to 43°C 0 to 90%	Store indoors. Do not allow product to freeze.
Shelf Life	24 Months minimum when stored at 25°C	

***Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.**



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