



Paints Limited

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FOR SALES & TECHNICAL SUPPORT

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PRODUCT INFORMATION

Product Name	:	Dac Sil 200 Poly Siloxane Finish
Reference Number	:	200-Line
Coating Type	:	High Solids Compliant 2-Pack Polysiloxane Finish
Benefits	:	High solids economical in use, fewer coats, lower applied cost. Excellent gloss and retention (1000 hours QUV artificial exposure – no change). <ul style="list-style-type: none">• VOC Compliant• Iso-cyanate free• High abrasion resistance• Excellent graffiti removal characteristics• Good flexibility
Typical Uses	:	Long-term protection of steel, galvanised steel, aluminium, etc., on lighting columns, bridges, chemical process plant, water treatment plant, etc. Also as a coating for street/park furniture and children's play equipment.
Colours Available	:	Full colour range available.
Appearance of Dried Film	:	High Gloss (reduced gloss levels available).
Volume Solids	:	95%.
V.O.C.	:	37gms per litre.
Dry Film Thickness	:	Typical : 75 microns Range : 75-140 microns
Theoretical Coverage	:	12.6m ² per litre at 75 microns dry film thickness. 6.8m ² per litre at 140 microns dry film thickness.
Drying Time at 20°C (will vary with temperature, air movement, etc.)	:	Touch Dry : 4 -5 hours Firm Dry : 7 – 8 hours Overcoat : Not normally required.

Data sheets are issued to supply **general information** on the product but without warranty. Since conditions of service and application are beyond our control we cannot accept claims for loss, damage etc., based on this information. Dacrylate will not accept any claim for consequential or incidental damages.

- Packaging** : 5 litre composite pack.
- Shelf Life / Storage** : 2 years in unopened containers when stored under cover in good storage conditions within a temperature range of 5°C to 32°C.
- Pot Life (at 20°C)** : 4 hours.
- Mixing Ratio** : 4:1.
- Surface Preparation** : Normally applied over suitably prepared and primed substrate, consult Dacrylate Technical Services Department for specific recommendations.
- Application** : Can be applied by airless, air-assisted and conventional spray and brush. Apply to a wet film thickness of 80 microns to achieve a 75 micron dry film thickness.

Based on airless unit with a 64:1 pump ratio:

Airless spray	Tip size :	11 thou
	Fan angle :	20-40°
	Pressure :	3500psi

Based on Wiwa air-assisted unit with a 32:1 pump ratio:

Air-assisted spray	Tip size :	9-11 thou
	Fan angle :	60°
	Pressure :	2560psi

Based on DeVilbiss GTi spray gun:

Conventional Spray	Tip size :	1.4mm
	Pressure :	50-60psi

Variations in equipment may require an adjustment in settings.

Application should not be carried out where the humidity levels exceed 80% RH.

Note : *Because of the high solids content of this product and the 75 microns recommended DFT, the application method must be capable of applying a continuous accurate wet film thickness of 80 microns. This may not be achievable where high pressure equipment is utilised as the application method.*

Practical coverage will be dependent on factors such as object to be painted, equipment used and operator techniques, etc. Allow for appropriate loss factors.

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- Graffiti Resistance** : Full anti-graffiti properties will only be achieved after 7 days curing of the system.
- Graffiti Removal** : **Marker Pen** – Use Dacrylate Marker Pen Remover, Ref.: 150-423.
Aerosol/Spray Paint – Use Dacrylate Marclean GP Remover, Ref.: 150-198.
- Thinner** : Not normally required, the addition of up to 5% of Thinner R29 is permissible for conventional spray application is required.
Due to the high solids content of this product, low application temperatures have a marked effect on viscosity, it is recommended that the product is maintained at 15-20°C prior to, and during application.
- Clean-up** : Dacrylate Thinner R29.
- Health and Safety** : Please see relevant MSDS sheet.
- N.B.:** *Certain products retain solvents for longer periods, which will affect plasticizers within the plastic packaging causing damage to the finish. It is therefore not recommended that finished painted products be wrapped in bubble wrap, plastic sleeves, etc., until coatings are fully cured as this can cause damage to the finish especially when stacked or stored in sunlight/elevated temperatures.*
- N.B.:** *Damage can also occur from condensation caused by fluctuations in temperature consequently causing a ‘greenhouse’ effect within the packaging.*
- N.B.:** *Polychromatic colours such as RAL 9006 and RAL 9007 may be susceptible to slight variations in colour depending on application methods and the type of paint. In order to obtain the best colour and appearance, these colours are best spray applied.*

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