

PRODUCT INFORMATION

Solvent Borne Acrylic Vinyl Sheen Finish



Reference Number	:	47-LINE
Coating Type	:	High-build acrylic vinyl, pigmented with durable, light-fast pigments offering excellent durability and colour retention properties.
Typical Uses	:	High-build coating for protection of steel and galvanised steel, including lighting columns, street furniture, metal fencing plus general industrial plant. Also suitable for application to Plastisol cladding and other such substrates – <i>see separate Specification Sheet for Cladding.</i>
Colours Available	:	Full range to special order
Appearance of Dried Film	:	Sheen or gloss
Volume Solids	:	40% (may vary with colour)
Dry Film Thickness	:	Typical : 75 microns
Theoretical Coverage	:	5.34m ² litre at 75 microns.
Drying Time at 20°C (will vary with temperature, air movement, etc.)	:	Touch Dry : 1 hour Firm Dry : 3 hours Overcoat : 3 hours
Packaging	:	5 litre containers
Shelf Life	:	12 months or longer in unopened containers when stored under cover in good storage conditions.
Storage	:	Under cover within a temperature range of 5°C to 32°C.

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.

Surface Preparation

- a) **Mild steel, clean and free of millscale :**
Thorough degrease using Dacrylate Thinner R5. Normally applied over Dacrylate Epidac 2 Epoxy Primers, Vinadac Red Oxide Primer (Reference 41-419)
- b) **Mild steel, corroded and/or millscale present :**
Abrasive blasting to ISO 8501-1 SA2.5 is the preferred method.
Manual clean : Chip, scrape and power wire brush to remove all loose rust, millscale, etc. to ISO 8501-1, ST3. Degrease with Dacrylate Thinner R5. Normally applied over Dacrylate Epidac 2 Epoxy Primers, Vinadac Red Oxide Primer (Reference 41-419).
- c) **Galvanising (New) :** Ensure surface is cleaned and dry. Pre-treat with Dacrylate Mordant Solution (T-Wash) (Reference 150-23). Normally applied over Vinadac MIO.
- d) **Galvanising (Weathered) :** Wash down with detergent water and stiff brush to remove deposits of white zinc salts and road salts, etc., rinse and dry-off. Degrease with Dacrylate Thinner R5 to remove any remaining oils, grease or other contaminants. Normally applied over Vinadac MIO.

Any corroded areas should be treated as (b) above.

Application Conditions

- Temperature :** Minimum 5°C
- Humidity :** Less than 90% RH

Application Methods

- Brush :** Apply using a 'full' wet brush. Avoid excessive 'brushing-out' to maintain film build. A wet film thickness of 190 microns will give a dry film thickness of **75 microns**.

Roller : As for brush application, taking care to apply specified wet film thickness.

Spray : SB Acrylic Vinyl Sheen (Reference 47-LINE) can be applied using conventional, airless and compliant spray methods. 5-10% of Dacrylate Thinner R5 may be required to give optimum spray characteristics.

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- Clean-up** : Dacrylate Thinner R5
- 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 or similar, until coatings are fully cured as this can cause damage to the finish especially when stacked or stored in sunlight/elevated temperatures.*
- Damage can also occur from condensation caused by fluctuations in temperature consequently causing a 'greenhouse' effect within the packaging.*

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