



PRODUCT INFORMATION



Product Name:	VINADAC HIGH SOLIDS M.I.O. (AIRLESS SPRAY GRADE)
Reference Number:	45-Line
Coating Type:	Modified Vinyl/Micaceous iron oxide with rust-inhibitive pigment. FULLY COMPLIANT With Environmental Protection Act (1990) as required by Guidance Note PG6/23 (97).
Typical Uses:	HIGH SOLIDS , high build coating for protection of steel and galvanised steel in aggressive environments.
Colours Available:	To customer order.
Appearance Of Dried Film:	Matt specular finish.
Volume Solids:	53%.
Dry Film Thickness:	Typical: 75 Microns. Range: 50-100 Microns.
Theoretical Coverage:	7.0m ² per litre at 75 microns.
Drying Time At 20°C: (Will Vary With Temperature, Air Movement etc.).	Touch Dry: 1 Hour Firm Dry: 2 Hours. Overcoat: 2 Hours.
V.O.C.	410 grm/litre.
Packaging:	5, 15 and 20 litre open-top containers.
Shelf Life:	2 years or longer in unopened containers when stored under cover in good storage conditions.
Storage:	Under cover within temperature range of 5°C to 32°C.

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Surface Preparation:

- a) **Mild steel, clean and free of millscale:**
Thoroughly degrease using Dacrylate Thinner R5. Apply one coat of Vinaprime 41 HB Anti-Corrosion Primer, ref:41-120, to a dry film thickness of 50 microns.
- 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.
Apply one coat of Vinaprime 41 HB Anti-Corrosion Primer, ref:41-120, to a dry film thickness of 50 microns.
- c) **Galvanising (new):**
Ensure surface is clean and dry. Pre-treat with Dacrylate Mordant Solution ('T' Wash) 150-23.
- d) **Galvanising (weathered):**
Use stiff brush to remove any deposits of white zinc salts. Wash down with detergent water to remove salts etc, rinse and dry off.

Application:

- Airless Spray:**
Minimum Tip Pressure: 2500 psi (160 BAR).
Tip Size: 15-17 Thou (0.38m/m to 0.43m/m).

Apply to an approximate wet film thickness of 140 microns to achieve a dry film thickness of 75 microns.

N.B BRUSH APPLICATION LIMITED TO SMALL AREAS.

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. Damage can also occur from condensation caused by fluctuations in temperature consequently causing a "greenhouse" effect within the packaging.

Clean-Up:

Dacrylate Thinner R5.

Health And Safety:

Please see relevant MSDS sheet.

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.