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| Product Name: | VINADAC HIGH BUILD SHEEN FINISH | | |
| Reference Number: | 41-200 Series. | | |
| Coating Type: | High build vinyl pigmented with durable, light-fast pigments. | | |
| Typical Uses: | High build coating for protection of steel and galvanised steel in aggressive environments. Tolerant of damp surfaces during application. Typical applications include lighting columns and general industrial plant. | | |
| Colours Available: | Full range to special order. All BS and RAL colours available on 'Dacmix Scheme' (5-50 litres). * See Note below | | |
| Appearance Of Dried Film: | Sheen. | | |
| Volume Solids: | 40% (may vary with colour). | | |
| Dry Film Thickness: | Typical: | 75 Microns. | Range: 50-125 Microns. |
| Theoretical Coverage: | 5.3m ² per litre at 75 microns. | | |
| Drying Time At 20°C: (Will Vary With Temperature, Air Movement etc.). | Touch Dry: | 2 Hours. | |
| | Firm Dry: | 3 Hours. | |
| | Overcoat: | 3 Hours. | |
| Packaging: | 5 litre 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. | | |

* Due to the protective nature of the product, some chalking may occur on exposure/weathering. This is purely aesthetic and will not detract from the performance, durability and longevity of the system. It should therefore be borne in mind that this phenomenon may be more visible on certain bright/bold colours.

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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 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 to a dry film thickness. of 50 microns.
- c) **Galvanising (new):**
Ensure surface is cleaned and dry. Pre-treat with Dacrylate Mordant Solution (T' wash), ref:150-23.
- d) **Galvanising (weathered):**
Use stiff brush to remove any deposits of white zinc salts. Degrease with Dacrylate Thinner R5.

Application Conditions:

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

Application Methods:

Brush:
Apply using a 'full' wet brush. Avoid excessive 'brushing out'. Do not 'lay-off'. 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:
Vinadac HB, ref:41-line, can be applied using conventional, airless and HVLP spray methods. 5-10% of Dacrylate Thinner R5 may be required to give optimum spray characteristics.
Brush or roller is the preferred method for use on damp surfaces.

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.