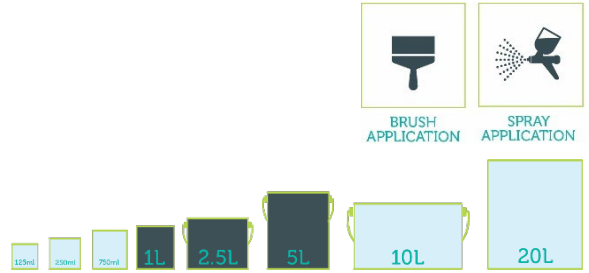


Technical Data Sheet

Version 1.4 / 14.02.25

High Build Vinyl Semi-Matt

Product Code: HBV30



Product Description

High Build Vinyl – Semi-Matt is a fast drying, high performance, anti-corrosive, self priming semi-matt finish for use on;

- Metal gates, railings and fences. Adheres directly to galvanised metal or steel.
- Steel structures subject to low temperatures or high humidity.
- Cladding Paint (test area and technical assistance required before use).
- General metal fabrication where superior adhesion & durability is required.
- As an alternative to Pliolite as a high performance external wall coating.

Intended Use

A fast drying, low sheen primer/topcoat giving a tough flexible coating with outstanding adhesion to many difficult areas. Not suitable for use in areas subject to chemical/solvent attack.

Product Information

| | |
|-------------------------|---|
| Colour | Black, White, Aluminium, RAL, BS, NCS |
| Finish | Semi-Matt Finish |
| Specific Gravity | 1.4 |
| Volume Solids | 64% approx |
| VOC/Litre | Cat (A/I) Max. 500g/l. This product contains Max. 490 g/l |

Application Details

| | |
|----------------------------|-------------------------------------|
| Application: | Apply 2 coats min 75 microns dft. |
| Application Method: | Brush or spray |
| Thinner: | Premium Industrial Thinner (Xylene) |

Application Equipment

| | |
|----------------------|---|
| Airless Spray | Nozzle Size: 13 – 17 Thou |
| | Operating Pressure: 140 bar / 2000 PSI |

| | |
|---------------------------|--|
| Conventional Spray | Thinning with Xylene up to 15% is recommended |
| | Nozzle Size: 1.8 – 2.0mm |
| | Operating Pressure: 3 - 4 bar |

| | |
|----------------------------|--|
| Film Thickness: | 95 – 125 µm WFT / 60 - 80µm DFT |
| Practical Coverage: | 6.0m ² /litre - 8.0m ² /litre Depending on film thickness specification |

(For guidance only. Fluid hose length and other factors may have an effect on tip size selection and operating pressure. Always refer to equipment manufacturers instructions.)

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High Build Vinyl
Semi-Matt

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Drying Time

| | | |
|------------------------------|-------------|-------------|
| Substrate Temperature | 10°C | 20°C |
| Touch Dry | 1 Hour | 30 Mins |
| Hard Dry | 24-48 Hours | 24-48 Hours |
| Minimum Overcoat | 4-6 Hours | 2-3 hours |
| Maximum Overcoat | Unlimited | Unlimited |

Note: This product is based on special polymer & adhesion resins therefore it surface dries rapidly but takes some length of time to through dry depending on film thickness applied

Surface Preparation

Bright Galvanised Steel: Remove oil and grease, thoroughly abrade with fine wet or dry abrasive paper and remove dust.

Cladding: Prepare as galvanised steel above and always do a test area and seek technical assistance before use.

New Steel: All surfaces to be coated should be clean, dry and free from any contamination. Oil and grease should be removed by solvent cleaning. Abrasive blast cleaning to Sa 2.5 or mechanical cleaning using power tool to a minimum of St 2 standard should be done.

Repair Maintenance: Existing paints should be checked for compatibility by applying a small test area and checking for softening or lifting of the old film. They should also be free from salt and other contaminants. Corroded or damaged areas should be blast or power tool cleaned as above.

Storage & Handling

Storage: Store in a cool dry place and out of reach of children. Keep away from extremes of temperature.

Pack Size: 1L, 2.5L, 5L

Health & Safety

Paint product - flammable
Keep away from sources of ignition
Do not take internally
Keep out of reach of children
In case of contact with eyes rinse immediately with plenty of water
In case of insufficient ventilation wear suitable respiratory equipment
Remove splashes from skin using soap and water or a recognised skin cleaner
Dispose of container and contents in accordance with local/national regulations
Do not empty product into drains or watercourses
Contains no added lead
See MSDS for more information

Quality Assurance

Castle Paints products are manufactured using only the highest quality raw materials. We guarantee the quality of our products. This guarantee does not include labour or cost of labour for the application of any paint.

The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Castle Paints be liable for consequential or incidental damages.

The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Castle Paints be liable for consequential or incidental damages.