

GP VINYL HB INTERMEDIATE

MODIFIED VINYL BASED INTERMEDIATE

== Description

Single pack modified vinyl based intermediate coat.

== Recommended Use

An intermediate coat to increase the system thickness of vinyl system that has excellent protection and weathering properties. It is easy to apply and has good recoating properties.

== Physical Data

COLOUR	: Grey
FINISH	: Semi Glossy
SOLIDS BY VOLUME	: 32 ± 2%
THEORETICAL SPREADING RATE	: 4.26 sq.mt/lit at a recommended DFT of 75 μ
FLASH POINT	: Above 25° C
DRYING CHARACTERISTICS (At 30° C & 65% Relative Humidity)	: SURFACE DRY TIME : 15 minutes HARD DRY : 3 - 4 hours FULL CURE : 7 Days
SHELF LIFE	: 6 months

== Surface Preparation

This being applied over a vinyl based primer coating, secondary surface preparation needs to be followed. The surface should be moisture free, oil and dust free before application.

== Application Data

APPLICATION	: By Brush / By Conventional spray / By Airless Spray
THINNER	: 093 VP
RECOMMENDED DFT	: 65 - 85 μ
OVERCOATING INTERVAL	: MIN : 4 hours MAX : Indefinite
COMPATIBILITY	: Can be top coated with single pack Vinyl or thermoplastic acrylics based finish coat. Compatible with GP 401 Etch primer, single pack Vinyl, and Thermoplastic acrylic based primer. Two component epoxy and PU primer

== Application Method

Stir the paint thoroughly to attain homogeneity. Add Thinner type 093 VP to the tune of 5 % max then filter the thinned paint through Nylon Mesh of size 100 mesh and apply uniformly by spraying over the surface. All the equipments should be thoroughly cleaned when used for painting.

Care must be taken to avoid over spray and dry mist formation while spraying

Multiple passes is recommended to build up the recommended dry film thickness



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Application: By Brush /By Conventional Spray /By Airless Spray

For Conventional spray application:

Thinner: 093 VP

Addition: 5-15%.

Nozzle Orifice: 1.4 - 3mm

Nozzle Pressure: 45-75 psi

For Airless Spray application

Thinner: 093 VP

Addition: Max 5% if required

Nozzle Orifice: 0.48-0.53 mm

Nozzle Pressure: 2700-3200 psi

Additional Information

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following section of Grand Polycoats' latest Data manual :

- Guide to Product Data Sheet
- Surface Preparation Details
- Paint Application Details
- MSDS

Notes

1. Do not apply paint when temperature falls below 100 C or rises above 500 C and when Relative Humidity is above 85%, or during rain, fog, or mist. Surface temperature must always be minimum of 3°C above Dew point.
2. Brushes and spray equipment should be cleaned with GP's recommended thinner otherwise equipment is liable to be damaged.
3. DFT variation can be obtained by change in application method / thinning ratio. Contact Grand Polycoats' representative for further assistance.
4. Shelf life indicated is minimum for this Product in sealed conditions and it is subject to re-inspection thereafter. Individual component is required to be stored in cool, dry and covered condition, away from heat and ignition.
5. Coating is dry to handle in 3 hr's but full curing of the system development of hardness requires nearly seven days of time depending upon temperature and weather condition at site.
6. Dry heat resistance is limited up to 70°C.

Health & Safety

This is a solvent based paint and care should be taken to avoid inhalation of spray mist or vapours as well as contact between the wet paint and exposed skin or eyes.

Limitation of Liability

To the best of our knowledge, the technical data in our literature are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. We make no other warranty or guarantee of any kind, express or implied, including merchantability and fitness for particular purpose. Liability, if any, is limited to replacement of the product or refund of the purchased price. Labour or cost of labour and other consequential damages are hereby excluded.



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