

# GP VINYL TOP COAT

## MODIFIED VINYL BASED FINISH PAINT

### Description

Single pack modified vinyl based finish coat.

### Recommended Use

An excellent corrosion and chemical resistance topcoat recommended for plants, tank exteriors, and Structural steel surface against splash, spillage and fumes of mild acid, alkalies and salt solution. Fast drying finish coat that is easy to apply and has good weathering properties.

### Physical Data

COLOUR	: Industrial Shades
FINISH	: Semiglossy
SOLIDS BY VOLUME	: $32 \pm 3\%$
THEORETICAL SPREADING RATE	: 6.4 sq.mt /ltr at recommended DFT of $50\mu$
FLASH POINT	: Above $23^{\circ}\text{C}$
DRYING CHARACTERISTICS	: SURFACE DRY : 15 minutes max
(At $30^{\circ}\text{C}$ & 65% Relative Humidity)	: DRY TO HANDLE :3 hr's max
	FULL CURE : 7 Days
SHELF LIFE	: 6 months

### Surface Preparation

Surface of primer should be free from dust, dirt, oil, grease etc. Surface of aged epoxy primer should be emery scuffed to attain better bonding.

### Application Data

APPLICATION	: By Conventional Spray /By Airless spray
THINNER	: 093 VT
RECOMMENDED DFT	: $30 - 50\mu$ .
OVERCOATING INTERVAL	: MIN : 3 hours
COMPATIBILITY	: Compatible over GP 401 etch primer, Single pack based Vinyl or Thermoplastic acrylic primers. Two component epoxy and PU primer Test patch is recommended to evaluate adhesion and compatibility over aged coating system.

### Application Method

Stir the paint thoroughly to attain homogeneity. Add Thinner type 093 VT to the tune of 5 % max then filter the thinned paint through Nylon Mesh of size 200 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.



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

Application: By Conventional Spray / Airless application

**For Conventional Spray application:**

Thinner: 093 VT

Addition: 5 - 10%

Nozzle Orifice: 1.4 - 3 mm

Nozzle Pressure: 40 - 70 p.s.i.

**For Electrostatic Spray application:**

Thinner: 093 VT

Addition: 5% max if required

Nozzle Orifice: 0.33 - 0.43 mm

Resistivity: 2700 - 3200 p.s.i.

**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 10°C or rises above 50°C, when Relative Humidity is above 85%. & during rain, fog or mist. Surface temperature must always be minimum of 3°C above Dew point.
2. 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 and it is subjected to re-inspection thereafter. Individual component is required to be store 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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