

Vinyl Enamel

Finishcoat



DESCRIPTION

Single pack solvented, chlorinated Vinyl copolymer, air drying pigmented enamel finishcoat

INTENDED USE

A single pack finishcoat for the *Speccoats Vinyl System (Vinyl HB Primer, Intercoat & Finishcoat Enamel)*

Suitable for steel structures, shipbuilding, mechanical and automotive engineering, transportation and the protection of buildings in chemical plants, coastal and marine environments

PRODUCT FEATURES

- These paints dry by physical means on steel, non-ferrous metals, mineral substrates and certain plastics.
- Can be applied by brush or spray – fast drying – touch dry in 60 minutes at 25°C
- Exhibits good flexibility and durability.
- Resistant to a wide range of chemicals.

LIMITATIONS

- These Vinyl coatings have poor resistance to solvents, fats and oils, and should not be used where contact with the above mentioned is likely
- When applying topcoats the solvents will soften the underlying coats. When brushing, care must be taken to quickly complete an area and then move on to prevent disturbance of the under-layer
- Thicker Coating systems must be slowed to dry sufficiently after top-coating to prevent sling damage
- Chalking occurs on exterior exposure

STANDARD COLOUR AVAILABILITY

NCS, RAL & SABS Colours



PRODUCT INFORMATION

- **Number of Components:** 1
- **Volume Solids:** 30%
- **Pot Life:** No Limit
- **Film Thickness:** Wet 81µm
Dry 25µm
- **Spreading Rate:** 10m² /lt @ 30µm DFT
- **Temperature Resistance:** Dry 58°C
- **Viscosity at 25°C:** 60-65 KU

PACKAGING

- 5lt and 20lt Containers

SURFACE PREPARATION

- All surfaces must be dry and clean

Over - Coating

- This product is a finishing coat usually used over a compatible undercoat system such as *Speccoats Vinyl HB Primer & Speccoats Vinyl HB Intercoat*
- Wash the coated surfaces using *Speccoats Aqueous Degreaser*



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APPLICATION

Mixing – Two Components

- Stir well with a flat bottomed paddle until the paint is uniform

Application – Equipment & Methods

Brushes	Suitable on angle iron structures, bridgework, pylons etc. Using the material unthinned
Rollers	Suitable on angle iron structures, bridgework, pylons etc. Using the material unthinned
Airless Spray	Pump Ratio - 30 to 1 Min Nozzle Orifice - 11 to 15 Thou Tip Pressure - 140 Bar Min
Conventional Spray	<ul style="list-style-type: none"> Air Assisted Airless Pressure Pot - Pressure Feed Gun Gravity Feed Gun Various Nozzle sets are available to suit the guns

Thinning

- Airless Spray – Not Required
- Conventional Spray – Thin up to 10% with **Speccoats Vinyl Thinners**

Cleaner

- Cleaning is done with **Speccoats Vinyl Thinners**

APPLICATION ENVIROMENT

	Surface Temperature	Ambient Temperature	Relative Humidity
Min:	5C*	5°C	0%
Max:	45°C	40°C	85%
*or 3° above the dew point			

DRYING TIME

Touch dry	Over-coating interval		Dry to handle
	°C	hours	
30 minutes at 25°C	10	16	4 hours at 25°C
	15	8	
	25	4	
	30	2	

STORAGE AND HANDLING

Storage - Store at temperatures between 5°C and 40°C, away from direct sunlight, open flames or sparks

Flash Point - 21°C

Shelf Life - Minimum 1 year when packed in original containers

HEALTH AND SAFETY

- Flammable – keep away from sources of ignition – No smoking!!!
- Adequate ventilation should be provided during use
- Avoid contact with the skin by using gloves, barrier creams and face mask
- If the product comes into contact with the skin, wash immediately with lukewarm water and soap, if the eyes are affected flush with water of diluted boric acid solution and seek medical attention immediately
- Refer to Material Safety Data Sheet (MSDS)

DISCLAIMER

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product. **ISSUE DATE 05/11/2010**