

TRS POLYURETHANE HS _____ 0525

Product description:

TRS polyurethane HS is a high build, high gloss, topcoat with outstanding weather resistance and colour retention. Gives a hard surface with excellent resistance to splash and spillage of acids, alkalies, solvents, salts and water.

TECHNICAL DATA

Type	Two-component, aliphatic polyurethane finish coat.		
Recommended use	Particularly recommended on areas where high corrosion resistance is required; decks, superstructures, topsides, holds etc.		
Surface Preparation	H.P. Fresh water cleaning and removal of oil, grease, salts etc. on aged coating. The surface has to be dry prior to painting.		

Physical Data	Colour	: See colour card	
	Flash Point	: Part A: 25°C	Part B: 25°C
	Volume solids	: 75 %	
	Temperature Resistance	:Continuous: 110 °C	Non-Continuous: 130°C

Application Details	Mixing ratio	: Part A:B = 4:1 by volume		
	Thinner	: TRS Thinner No.25		
	Application Data	: Airless spray, brush*, roller* *:for small areas and Touch-up only		
		Stir well before use.		
		Minimum temperature	: -10 °C	
		Maximum humidity	: 90%	
		For airless spray:		
		Nozzle: 0.018"-0.023"	Angle: 65-80°	
		Paint output pressure	: 160 kg/cm2 (2300 psi)	
		Thinning	: 0 - 5 % (by volume)	
		Film Thickness	:Wet	: 100 microns
			Dry	: 75 microns

Preferable preceding coating	Normally used as a topcoat over TRS Epoxy Primer HB. Others as recommended
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Preferable subsequent coating	Normally none, but can be topcoated with most generic type of paints.
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Packing	Two packs product.
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Note: * For small areas and Touch-up only

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Coating data

	Temperature	-5°C	10°C	20°C	30°C
Drying time (at DFT 75µ)	surface dry	12 hrs	4 hrs	3 hrs	1 hrs
	hard dry	12 days	6 days	4 days	2 days
Overcoating intervals (at DFT 75)	minimum	24 hrs	8 hrs	4 hrs	2 hrs
	maximum	-----	-----	-----	-----

Pot Life : 4 hours at 20°C and less at higher temperatures.

Health and Safety	Risk phrases : ----
	Safety phrases : ---
	Contains : ----

The Personal Protection advice for this product is listed under P.P.A. No. 3/5. Additional information can be obtained from the product Health and Safety Data Sheet which is available on request. The minimum safety precautions in dealing with this paint are:

- Observe the precautionary notices displayed on the container.
- Provide adequate ventilation.
- Avoid skin contact and inhalation of spray mist.
- If the product comes into contact with the skin, wash thoroughly with luke warm water and soap. If the eyes are contaminated, rinse with water and seek medical advice immediately.
- Since the product contains flammable materials, keep away from sparks and open flames.
No smoking should be permitted in the area.

Definitions	Tolerances	The numerical information quoted in this Technical Data Sheet is subject to normal manufacturing tolerances.
	Spreading Rate	The spreading rate may vary with on application conditions, the geometrical complexity of the structure, the weather conditions, etc.
	Volume Solids	The volume solids figure given in this Technical Data Sheet is the percentage of dry film obtained from a given wet film thickness under specified application rate and conditions measured by the manufacturer Standard Method correspond to ASTM method D2697.
	Overcoating Intervals	The intervals given assume preparation consistent with good painting practice.

Safety information	When Health, Safety or Environmental information is required a Health and Safety Data Sheet can be obtained from the manufacturer.
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