

TRS ACRYL PRIMER _____ 0702

Product description:

TRS Acryl Primer is an effective anticorrosive primer. It can be applied directly onto bare steel or existing paints like acrylic, chlorinated rubber or epoxy paints

TECHNICAL DATA

Type	Acrylic anticorrosive primer.		
Recommended use	Anticorrosive paint for ship's topside, superstructure and other steel structures.		
Surface Preparation	Best results are obtained on steel gritblasted to ISO-Sa 2.5. however, good results can also be obtained on mechanically cleaned steel. Minimum standard of surface preparation is ISO-St3. All surface contamination such as dirt, grease, oil, etc. must be removed. May be used over suitable existing coatings.		
Physical Data	Colour	: grey, white, redbrown	
	Flash Point	: 31 °C	
	Volume solids	: 43 %	
Application Details	Mixing ratio	: One pack product	
	Thinner	: TRS Thinner No.10	
	Application Data	: Airless spray, brush*, roller*	
		Stir well before use.	
	Minimum temperature	: 5 °C	
	Maximum humidity	: 85%	
	For airless spray:		
	Nozzle: 0.021"-0.023"	Angle: 70°	
	Paint output pressure	: 120 - 180 Kg/cm ² (1600-2600 psi)	
	Thinning	: 0 - 10% (by volume)	
	Film Thickness	:Wet	: 93 - 186 microns
		Dry	: 40 - 80 microns
	Spreading Rate	: 10.8 m ² /ltr (at DFT 40 microns)	
	Specific Gravity	: Approx. 1.19 Kg/Ltr.	
Preferable preceding coating	TRS Holding Primer, TRS Zinc Epoxy HB, etc.		
Preferable subsequent coating	TRS Acryl Finish		
Packing	One pack product.		

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Coating data

	Temperature	5°C	10°C	20°C	30°C
Drying time (at DFT 70µ)	surface dry	1.5 hr	1.2 hr	1 hr	0.5 hr
	hard dry	12 hrs	9 hrs	7 hrs	6 hrs
Overcoating intervals (at DFT 70µ)	minimum	16 hrs	13 hrs	9 hrs	7 hrs

Health and Safety

Risk phrases : 10, 20/21
 Safety phrases : 51, 23, 38
 Contains : Xylene

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:

- a. Observe the precautionary notices displayed on the container.
- b. Provide adequate ventilation.
- c. Avoid skin contact and inhalation of spray mist.
- d. 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.
- e. 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 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 corresponding 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