

## **TRS ALUMINUM PAINT HR \_\_\_\_\_ 0361**

**Product description:**

TRS Aluminum Paint HR is a heat and weather resistant finish coat that gives a very good light- and heat reflecting surface.

**TECHNICAL DATA**

**Type** Aluminum pigmented coating based on special, heat resistant binders.

**Recommended use** Finish coat for engines, gas suction pipes etc.

**Surface Preparation** The surface must be free from oil, grease and dirt and be dry prior to painting.

**Physical Data (mix)**

Colour	: Aluminum	
Flash Point	: 25°C	
Volume solids	: 45%	
Temperature Resistance	: Continuous: 250 °C	Non-Continuous: 270°C

**Application Details**

Mixing ratio	: One pack product	
Thinner	: TRS Thinner No.45	
Application Data	: Airless spray, brush*, roller*	
	Stir well before use.	
	Minimum temperature	: 0 °C
	Maximum humidity	: 85%
	For airless spray:	
	Nozzle: 0.018"-0.021"	Angle : 40°-60°
	Paint output pressure	: 140 kg/cm2 (2000 psi)
	Thinning	: 0 - 5% (by volume)
	Film Thickness	:Wet : 55 microns
		Dry : 25 microns
	Spreading Rate	: 18.0 m2/ltr.(at DFT 25 microns)
	Specific Gravity	: Approx.1.0 Kg/Ltr.

**Preferable preceding coating** None.

**Preferable subsequent coating** Apply over suitable primed steel surface, old tightly adhering heat resistant paint or others as recommended

**Packing** One pack product.

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**Coating data**

	Temperature	5 °C	10°C	20°C	30°C
Drying time (at DFT 100µ)	surface dry	----	3 hrs	1 hr	30 mins
	hard dry	---	24 hrs	12 hrs	6 hrs
Overcoating intervals (at DFT 25µ)	minimum	---	12 hrs	8 hrs	4 hrs
	maximum	---	---	---	---

**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:

- 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 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.