

TRS SILICONE PAINT 400 HR ————— **0941****Product description:**

TRS Silicone Paint 400 HR is a paint withstands continuous temperature up to 400°C, and thermal shocks from 0-540°C. Gives a corrosion resistant system when applied on TRS Zinc Silicate.

TECHNICAL DATA

Type Single package, modified silicone acrylic.

Recommended use For protection of hot piping, mufflers, exhausts and other elevated temperature steel surfaces.

Surface Preparation The surface must be free from oil, grease and dirt and be dry prior to painting. On steel surfaces and corroded areas abrasive blast cleaning to min. SA 2 1/2 (ISO 8501) is recommended. Can be applied on surfaces cleaned to St. 3.

Physical Data (mix)

Colour	: Aluminum
Flash point	: 6 °C
Volume solids	: 58 %
Temperature Resistance:	Continuous: 400°C Non-Continuous: 540°C

Application Details

Mixing ratio	: One pack product.
Thinner	: TRS Thinner No. 10
Application Data	: Airless spray, brush, roller
	Stir well before use.
	minimum temperature : 0 °C
	maximum humidity : 85%
	For airless spray:
	Nozzle : 0.013"-0.018" Angle 50°-60°
	Paint output pressure : 160 Kg/cm ² (2300 Psi)
	Thinning : 0 - 5 % (by volume)
Film Thickness	: Wet : 70 microns
	Dry : 40 microns
Spreading Rate	: 14.5 m ² /ltr (at DFT 40 microns)
Specific Gravity	: Approx. 1.0 Kg/Ltr.

Preferable preceding Coating: Apply over properly prepared steel. TRS Zinc Silicate is recommended as primer

Preferable subsequent Coating: None.

Packing One Pack Product

TRS SILICONE PAINT 400 HR 0941

Coating data

	Temperature	5 °C	10 °C	20°C	30°C
Drying time (at DFT 40 μ)	surface dry	---	4 hrs	2 hrs	1 hrs
	hard dry*	---	36 hrs	24 hrs	12 hrs
Overcoating intervals (at DFT 40μ)	minimum	---	6 hrs	3 hrs	2 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 corresponding 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.

Note: *Final cure by heating up to 160°C