HI-PERFORMANCE SURFACE TOLERANT EPOXY

Parsimastic 4775ST

DESCRIPTION	* Two component aluminum flake pigmented h substrate wetting properties, which makes it p excellent adhesion to prepared surfaces by p It can be applied on surface with some moist new hot rolled steel with no surface preparat	oossible to get high thickness films with ower tool or low degree blast cleaning. ure, too. It has even good adhesion on
USES	 * Can be used alone as a single self primed concentric chalking is a problem, finishing with a sunligh * As intermediate or top coat in various system * Excellent coating for high temperature insular 	t resistant top coat is due.
FEATURES	 * Excellent surface tolerancy . *Excellent adhesion on moist surfaces. * Excellent mechanical resistance. * Excellent resistance to moisture . * High lamellar pigment content. * Good resistance to solvents & chemical splas * good weathering resistance . * Don't spread flame. * High thickness in one step application. 	shes.
TECHNICAL DATA	Finish Colour Specific gravity (at 20 °C , Mix) Volume solid	Flat Dark silver, Grey 1.4 ± 0.05 (gr/cc) 81 ± 2 %
	Recommended DFT	200-600 (mic)

SURFACE PREPARATION

A -Surface tolerant primer for bare metal & old coated surfaces .

1- Power tool

Flash point

Package

Shelf life (at 20 °C)

- * Up to ST2 for old coat, lower degree is possible
- * Remove any dust, rust & oil.
- 2- Hydro jetted surface
- * Moist surface with no or low flash rust is accepted.
- ${\sf B}$ When blasting up to SA2½ is possible, performance will be increased greatly. See note A

35 °C

12 months

20 Liters, others on request



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RECOMMENDED PAINT SYSTEMS

4775ST can be applied 100-200 microns in each layer . It is usable as a single coat in a multi layer paint system but depending on expected performance of coating system or customer's demand the number of layer and DFT could be selected .

P & I & T : 4775STA	2 or 3 × (100 - 200)	micron
T: 6591, 3391, 5395 (optional)	50 - 100	micron

APPLICATION

Method	Air / Airless	Air / Airless spray , Brush (just for inaccessible area or touch up)		
Thinner / Cleaner	T-404			
Mixing ratio by weight	100 : 15	Base : 20 kg + Hardener : 3 kg		
Pot life (at 20 °C)	4 hrs			

• Different thinner with different suffix maybe offered in hot and cold seasons.

Theoretical Coverage :

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Dry film thickness (mic)	200	400		600
Coverage (m ² / lit)	4.05	2.03		1.35
Coverage (m ² /kg)	2.89		1.45	0.96
Touch dry (100 mic , 20 °C Fully Cured (100 mic , 20 °C	,	4 7	hrs days	

- At higher dry film thickness, lower temperature and poor ventilation drying time will be longer.
- Application in closed area results in long touch & tack drying time and therefore longer minimum intervals. So sufficient air draft is required for maintaining normal application condition.

Recoating interval:

Surface temperature	10°C 20°C		30°C	
Min. Interval (hrs)	48	24	12	
Max. Interval (days)	7	6	5	

• The maximum recoating times are for reaching the maximum chemically intercoat adhesion, but it is possible to reach a reasonable adhesion even up to few months. See note E



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APPLICATION INSTRUCTIONS

- * Check all equipments are dust, oil and moisture free. If needed , flush with cleaner thinner.
- * It is recommended to use the paint with the temperature above 15°C, otherwise more thinner would be required to reach the application viscosity. Too much thinner may results in sagging, low thickness and poor hiding. In cold seasons it is recommended to keep the paint at a warmed up storage at least 3 days before use.
- * Stir the paint well by a forced mixer before use and add the entire hardener to it and mix it again up to get a homogenous mixture.
- * Thin the paint with defined thinner depend on required thickness & application viscosity.

The given data could be adjusted by applicator in practical situation by his own actual trial.

	Pump Ratio	Orifice	Tip Range	hinner (vol9
Air less	> 45 :1 preferably 68:1	23 - 45 (mic)	323 - 445 , 545	Max. 1 %
Brush / Roller	only for inaccessible areas			

SURFACE TEMPERATURE

Must be at least 3°C above dew point, apply the coats when surface temperature is from 10°C to 40°C. Please consult Parsifam if the substrate temperature is lower or higher.

SAFETY

- ▲ Due to high flammability , keep away the paints from heat , sparks and flames.
- ▲ Avoid contact the paints with eyes and skin.
- ▲ Use mask and gloves and provide suitable ventilation for the reasons of health and safety.

REMARKS : The information submitted in this data sheet is based on our best current knowledge and experience. The ultimate performance of this coating is quite related to performance of surface preparation, application procedure and conditions that limits our liability to the figures of submitted technical and application data .

