
HI-PERFORMANCE SURFACE TOLERANT EPOXY

Parsimastic 4775ST

DESCRIPTION

* Two component aluminum flake pigmented high solid epoxy coating with a good substrate wetting properties, which makes it possible to get high thickness films with excellent adhesion to prepared surfaces by power tool or low degree blast cleaning. It can be applied on surface with some moisture, too. It has even good adhesion on new hot rolled steel with no surface preparation.

USES

* Can be used alone as a single self primed coat. In exposure to sun, if yellowing and chalking is a problem, finishing with a sunlight resistant top coat is due.
* As intermediate or top coat in various systems.
* Excellent coating for high temperature insulated pipeline up to 170 °C .

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 splashes.
* good weathering resistance .
* Don't spread flame.
* High thickness in one step application.

TECHNICAL DATA

Finish	Flat
Colour	Dark silver, Grey
Specific gravity (at 20 °C , Mix)	1.4 ± 0.05 (gr/cc)
Volume solid	81 ± 2 %
Recommended DFT	200-600 (mic)
Flash point	35 °C
Shelf life (at 20 °C)	12 months
Package	20 Liters, others on request

SURFACE PREPARATION

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

1- Power tool

* 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.

B - When blasting up to SA2½ is possible, performance will be increased greatly.

See note A

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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	thinner (vol%)
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 .