HIGH SOLID - HIGH BUILD EPOXY PHENOLIC NOVALAC TOP COAT

Parsiphen 4733T

DESCRIPTION

* High performance protective epoxy phenolic top coat formulated to be used in conjunction with an epoxy phenolic primer or other suitable paint systems to serve in immersion conditions . It is suitable for tank lining of crude oil , oil products, process water and fire fighting reservoirs.

USES

* Excellent top coat for epoxy phenolic paint systems for harsh external environments
* Excellent top coat for tank lining of oil products , fuels & aliphatic hydrocarbons and process water tank lining .

FEATURES

* Excellent diffusion resistance .
* Outstanding immersion resistance .
* Good chemical resistance .
* Thick layer up to 200 mic can be achieved easily in one coat .

TECHNICAL DATA

Finish	Flat
Colour	White (RAL 9010), Gray
Specific gravity (at 20 °C , Mix)	1.70 ± 0.05 (gr/cc)
Volume solid	82 ± 2 %
Recommended DFT	100 - 200 (mic)
Flash point	35 °C
Shelf life (at 20 °C)	12 months
Package	20 Liters, others on request

SURFACE PREPARATION

1 - Pay high attention to recoating interval schedules of previous layer .
2 - Remove any oil , grease , dirt , dust & moisture from previous layer.

RECOMMENDED PAINT SYSTEMS FOR IMMERSION

P : 4733P	100 - 200	micron
I : 4733M	100 - 200	micron
T : 4733T	100 - 200	micron

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APPLICATION DATA

Method	Air / Airless spray , Brush (just for inaccessible area or touch up)	
Thinner / Cleaner	T - 404	
Mixing ratio by weight	100 : 12.5	**Base : 24 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 :

Dry film thickness (mic)	100	125	150	200
Coverage (m² / lit)	8.20	6.56	5.47	4.10
Coverage (m² / kg)	4.82	3.86	3.22	2.42

Touch dry	(150 mic , 20 °C)	4	hr	4	hr
Fully Cured	(150 mic , 20 °C)	7	days	7	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	20°C	30°C
Min. Interval (hrs)	18	12	12	8
Max. Interval (days)	7	6	6	5

- For getting the maximum intercoat adhesion ,it is highly recommended to meet recoating interval times strictly. **See note G**
- For longer recoating interval ,consult Parsifam for more information .

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.
* Stirring the material in low speed during painting is necessary . **See note H**

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 .

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