SOLVENT FREE EPOXY POLYAMINE PRIMER

Parsilac 4601A

DESCRIPTION

* Solvent free two component amine cured epoxy primer based on liquid epoxy resins and adducted aliphatic hardeners .

USES

* Excellent primer for direct use on concretes specially flooring systems .
* Excellent viscosity reducer for epoxy flooring compound .
* Excellent binder for epoxy grout compounds .
* Optional lacquer topcoat for epoxy flooring systems .
* Thinner reduced thin film glossy lacquer topcoat for epoxy coatings when spillages of moderate acids, alkalis and other corrosive elements are frequently occurred .

FEATURES

* Capable of applying in thin films when use thinner .
* Low viscosity .
* Excellent penetration to concrete capillaries.
* Gloss retention.
* High concrete saturation power.

TECHNICAL DATA

Finish	Gloss
Colour	Clear
Specific gravity (at 20 °C , Mix)	1.09 ± 0.05 (gr/cc)
Volume solid	100 %
Recommended DFT	200 - 300 (mic)
Flash point	110 °C
Shelf life (at 20 °C)	12 months
Package	20 Liters, others on request

SURFACE PREPARATION

1 - Remove any oil , dirt , dust & moisture .
2 - After about 30 days of concreting, the surface must first be scratched and roughened or blasted to reach a non dusting concrete layer.
3 - Vacuum to remove any dust from the concrete surface and throw out .

RECOMMENDED PAINT SYSTEMS

P : 4601A	200 - 300	micron
I : 46M1**or** 46M2 **or** 46M3 + silica (optional)	2 - 6	mm
T : 46M1**or** 46M2 **or** 46M3 **OR**	1 - 3	mm
T : 6591 , 3391, 3593, 5395, 4392 ,2932	50-100	micrin

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Producer of Paints & Coatings

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APPLICATION DATA

Method	Roller , Squeegee	
Cleaner	T - 404 (just for cleaning)	
Mixing ratio by weight	100 : 50	**Base: 10 kg + Hardener : 5 kg**
Pot life (at 20 °C)	30 min	

Theoretical Coverage :

Dry film thickness (mic)	200	250	300
Coverage (m² / lit)	5.00	4.00	3.33
Coverage (m² / kg)	4.58	3.67	3.06

Touch dry	(200 mic , 20 °C)	4	hrs
Fully Cured	(200 mic , 20 °C)	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	30°C
Min. Interval (hrs)	36	24	12
Max. Interval (days)	7	5	3

- It is highly recommended to meet recoating interval times strictly . **See note G**

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 in cold seasons to reach the application viscosity it is recommended to keep the paint at a warmed up storage at least 3 days before use.
* Add the entire hardener to the base then mix all at least for 30 seconds .
* As primer ,pour it on surface and spread it by a squeegee .
* As epoxy grout, add enough graded silica sand to mixture until get to a semi -free flowing grout.

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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