
SOLVENT FREE EPOXY POLYAMINE PRIMER / LACQURE

Parsilac 4601B

DESCRIPTION

* Two component solvent free amine cured epoxy primer based on liquid epoxy resins and adducted aliphatic hardeners for concrete tanks and ponds.

USES

- * Excellent primer for direct use on well-prepared surfaces in concrete reservoirs.
- * Excellent binder for epoxy grouts required for surface repair of concrete tanks.
- * Optional lacquer as primer and top coat for epoxy flooring systems .

FEATURES

- * High penetration ability to prepared concrete
- * Low viscosity
- * Gloss retention
- * High concrete saturation power

TECHNICAL DATA

Finish	Gloss
Colour	Clear
Specific gravity (at 20 °C , Mix)	1.10 ± 0.05 (gr/cc)
Volume solid	100 %
Recommended DFT	250 - 350 (mic)
Flash point (at 20 °C)	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 - When use on concrete ,surface should be first grinded and roughened or blasted.

RECOMMENDED PAINT SYSTEMS

P : 4601B	250 - 350	micron
I & T : 4242BP , 4757B , 4231P OR	2 OR 3 *	(200 - 300) micron
I & T : 4522A , 4517B , 451B-1	2 *	(400 - 500) micron
T : 6390A (optional on open top pond)	100 -150	micron

SOLVENT FREE EPOXY POLYAMINE PRIMER / LACQURE

Parsilac 4601B

APPLICATION DATA

Method	Airless Spray ,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)	250	300	350
Coverage (m ² / lit)	4.00	3.33	2.86
Coverage (m ² / kg)	3.64	3.03	2.06

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 ,apply with airless spray or with a T 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 .