

T497

Concrete Sealing Epoxy



DATA SHEET

100% solids epoxy concrete sealer primer. Excellent chemical resistance in the presence of caustics and acids. Easily applied with brush and roller.

- Prevents vapors from rising from the substrate
- Suitable for immersion and non-immersion service
- Por lo general se aplica con 8-10 mils

APPLICATION AREAS

- Collectors
- Concrete walls
- Pump bases
- Concrete channels
- Tanks
- Secondary containment
- Fans
- Equipment bases
- Pits, tunnels
- Floors
- Others

COVERAGE

10 kg kit covers 33m² (355 sf)
250 micron thickness (10 mils)

COLOR

Light amber

PACKAGING

Size	Reorder #	Size	Reorder #
5 kg	T497-5	10 kg	T497-10

TECHNICAL DATA

Maximum Temperature (depending on the service)	Wet Service	50°C	122°F
	Dry Service	60°C	140°F
Solids by Volume	100%		
Mixed Density	1.2		
Shore D Hardness	(ASTM D 2240)	83	
Pot Life	35 min / kg at 72°F		
SAG Vertical Resistance at 21°C (70°F) and 0.25 mm (10mils)	No sagging		
Mixing Ratio	2:1 by Weight	Base: Activator	
Shelf Life (unopened containers)	3 years at 55-95°F (13-35°C)		



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TAURUS EPOXY
COATINGS

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SURFACE PREPARATION

Proper surface preparation is vital for long-term performance. The prepared concrete surface must be structurally sound, free of all contaminants, and roughened to a profile >ICRI CSP 3 (similar to #60 grit sandpaper). Taurus T497 can be applied directly to concrete to create a vapor barrier.

MIX

Thoroughly mix the activator into the base using a mixing stick, scraping the sides and bottom of the container. Mix by weight at a ratio of 2 parts Base to 1 part Activator. Mix thoroughly until a uniform, streak-free material is obtained. Never add solvents.

APPLICATION

Brush: Medium to stiff bristles of sufficient quality to prevent shedding or bristles sticking to the coating (epoxy-set bristle brushes are preferred). Cutting or masking: Use tape with <1" nap. Roller: Use good quality 1/8" nap.

APPLICATION TEMPERATURE

Application temperature range from 10°C (50°F) to 32°C (90°F) (substrate). For maximum protection against immersion or spills, a two-coat system is recommended. To avoid sagging on vertical surfaces, the maximum wet film thickness should be between 500µm and 1000µm (20–40 mils) per coat.



CURED TIME

	16°C (60°F)	25°C (77°F)	32°C (90°F)
Tack Free	4 hours	2 hours	1 hour
Light Load	12 hours	6 hours	3 hours
Term Overlay	16 hours	10 hours	5 hours
Full Charge	24 hours	12 hours	6 hours
Complete Chemical	48 hours	24 hours	12 hours

CLEAN

Tools should be thoroughly cleaned immediately after use with a strong alkaline detergent.

SAFETY

Before using any product, review the Safety Data Sheet (SDS) or Safety Data Sheet for your area. Follow standard confined space entry and work procedures, if applicable.

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