



DATA SHEET

Flexible coating, 100% solids, epoxy filled with ceramic microspheres for repairing concrete cracks, sealing expansion joints, etc. TFLEX is a paste-like material that can be easily applied in thicknesses up to 12mm without sagging on vertical surfaces. It offers excellent chemical resistance, great flexibility, and elongation.

- For joints and cracks in concrete
- Suitable for immersion and non-immersion
- Easily applicable on horizontal and vertical surfaces

APPLICATION AREAS

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

COVERAGE

10 kg kit covers 1.85 m² (20 sf)
3 mm thickness (120 mils)

COLOR

Gray

PACKAGING

Size	Reorder #	Size	Reorder #
10 kg	TFLEX-10	18 kg	TFLEX-18

TECHNICAL DATA

Maximum Temperature (depending on the service)	Wet Service Dry Service	82°C 93°C	180°F 200°F
Solids by Volume	100%		
Elongation	High		
Viscosity	Paste-like		
Mixed Density	1.8		
Pot Life	55 min / kg at 72°F		
Resistencia Vertical SAG at 21°C (70°F) and 6.4 mm (250mils)	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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SURFACE PREPARATION

Proper surface preparation is of vital importance 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 TFLEX can be applied directly onto concrete to seal cracks and joints.

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 1.9 parts Base to 1 part Activator. Mix thoroughly until a uniform, streak-free material is obtained. Never add solvents.

APPLICATION TEMPERATURE

Application temperature range from 10°C (50°F) to 32°C (90°F) (substrate).

For maximum protection against immersion or spillage, a 2-layer system is recommended.

To avoid sagging on vertical surfaces, the maximum thickness of the wet film should be between 500 µm - 1000 µm (20-40 mil) per layer.

APPLICATION

TFLEX can be applied with a spatula or caulking gun. To prevent sagging on vertical surfaces, the maximum wet film thickness should be up to 12.7 mm (500 mils) per coat.



CURED TIME

	16°C (60°F)	25°C (77°F)	32°C (90°F)
Tack Free	6 hours	4 hours	3 hours
Light Load	12 hours	10 hours	8 hours
Term Overlay	14 hours	12 hours	10 hours
Full Charge	48 hours	36 hours	18 hours
Complete Chemical	96 hours	72 hours	36 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 work and entry procedures, if applicable.

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