



DATA SHEET

Brushable coating, 100% solids, epoxy filled with ceramic microspheres for the protection of concrete floors exposed to industrial environments. Easily applied with a brush, roller, or airless spray.

- It can be applied up to 1000 microns without sagging.
- Suitable for immersion and non-immersion
- Protection against corrosion and abrasion

APPLICATION AREAS

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

COVERAGE

10 L kit covers 10 m² (108 sf)
1000 microns thickness (40 mils)

COLOR

Gray, green, red, orange, blue, and yellow

PACKAGING

Size	Gray	Green	Red	Orange	Blue	Yellow
5 L	TCS2-GY5L	TCS2-GR5L	TCS2-R5L	TCS2-O5L	TCS2-B5L	TCS2-Y5L
10 L	TCS2-GY10L	TCS2-GR10L	TCS2-R10L	TCS2-O10L	TCS2-B10L	TCS2-Y10L

TECHNICAL DATA

Maximum Temperature (depending on the service)	Wet Service Dry Service	50°C 60°C	122°F 140°F
Solids by Volume	100%		
Mixed Density	1.25		
Shore D Hardness	(ASTM D 2240)	82	
Pot Life	25 min / kg at 72°F		
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 vitally important for long-term performance. The prepared concrete surface must be structurally sound, free of all contaminants and rough to a profile >ICRI CSP 3 (similar to grain size #60 sandpaper). Taurus TCS4 can be applied directly on concrete or with the T497 primer to make vapor barrier. Cleaning can be done with water jet, scarifier, or abrasive jet.

MIX

Mix the activator well in the base with the mixing rod scraping the sides and the bottom of the container.
Mix by weight 2 parts Base to 1 part of Activator.
Mix thoroughly to produce a uniform and without stripes. Never put solvents.

APPLICATION

Brush: Medium to stiff bristles, of sufficient quality to prevent bristle loss or bristles sticking to the coating (brushes with epoxy-set bristles are preferred). Cutting in 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 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.



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 work and entry procedures, if applicable.

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