

# TCS2

## Industrial Flooring Epoxy Coating



### 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 m<sup>2</sup> (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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