

TECHNICAL DATA SHEET

P560

V1-11/05/2024

WEARSHIELD TANK LINING

DESCRIPTION

P560 is a high film build solvent free epoxy coating, filled with inert flakes, designed to provide exceptional corrosion protection in areas requiring optimal impact, adhesion, and abrasion resistance.

PROPERTIES

- Excellent Corrosion Resistance
- Excellent Cathodic Disbonding Resistance
- Very Good Abrasion Resistance
- Very Good Erosion Resistance
- Good Impact Resistance
- Good Chemical Resistance
- Very Good Adhesion
- Low Permeability
- Good Application Properties
- Solvent Free

RECOMMENDED AREAS FOR USE

- Offshore structures, jetties, bridges and the external of buried pipelines with excellent resistance to cathodic disbonding.
- Internal tank lining for abrasive slurries in the mining industry such as CIL/CIP tanks in the gold mining industry.

COLOUR	: Grey
Nº. OF COMPONENTS	: 2
MIXING RATIO (VOL)	: 4 : 1
CONSISTENCY	: Thick Liquid
VOLUME SOLIDS	: 100%
MIXED DENSITY	: 0.99
PRACTICAL SPREAD RATES	: 1m ² /ℓ
DRY FILM THICKNESS	: 1000 - 3000µm
POT LIFE @ 25°C	: 1 hr
TOUCH DRY @ 25°C	: 4 hrs
HARD DRY @ 25°C	: 24 hrs
FULL CURE	: 7 days
OVERCOATING TIMES	: Min: 6 hrs : Max: 24 hrs
APPLICATION TEMPERATURE	: 10 to 40°C
OPERATING TEMPERATURE	: -20°C to +60°C
RECOMMENDED NO. OF COATS	: 1 - 3
STORAGE TEMPERATURE	: 10 to 40°C
CLEANING SOLVENT	: Epoxy Thinners
SHELF LIFE	: 12 months
PACK SIZE	: 20 litres

CHEMICAL RESISTANCE

Resistant to most dilute acids & alkalis, petroleum products & salt water.

SURFACE PREPARATION

Steel

Grit-blast to Sa2½ (ISO 8501-1:2007), Minimum 75µ angular profile.
Ensure soluble salts are removed by high pressure washing with Holdtight 102 or equivalent.

Concrete

All surfaces must be clean, structurally sound and free of dust, oil and dirt. Concrete surfaces should be abrasive blasted or acid etched to remove laitance. Moisture content should be below 10%.

MIXING

- Agitate the Base with a power mixer.
- Add the Activator and mix thoroughly.
- Do not mix more material than can be used within the stated pot life.

APPLICATION

Apply by Airless Spray:

Nozzle Pressure:	280kg/cm ²
minimum Tip Size:	0,75mm – 0.8mm
Spray Angle:	40 - 80°C
Thinning:	0-3%

The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.



TOXICITY

Please read instructions on container.

Avoid Skin contact.

Do not inhale vapours

SKIN: Wash well with soap & water

EYES: Flush with water & immediately seek medical attention.

Read the 16-point Material Safety Data Sheet.

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