

Phenoline® Tank Shield



Superior chemical resistance ideal for water/wastewater treatment facilities.

PRODUCT DETAILS Phenoline Tank Shield is a unique proprietary epoxy tank lining formulation that demonstrates exceptional resistance to the aggressive chemicals found in wastewater environments. Phenoline Tank Shield is a standard airless spray lining, eliminating the need for plural component equipment. The blush-resistant lining will cure at low temperatures, has excellent film build properties, and can be placed in service relatively quickly. A perfect choice for any asset within the water treatment process, from collection systems to clarifiers to digesters, Phenoline Tank Shield will protect these assets for many years to come.

With its 100% solids formulation, Phenoline Tank Shield is the future of water tank linings. As the industry tightens down on allowable solvent levels, Phenoline Tank Shield has already met the new, more stringent standards of NSF/ANSI/CAN 600.

Phenoline Tank Shield sets the standard for robust, friendly-to-apply linings in the water and wastewater industries.

APPLICATIONS

WATER TREATMENT FACILITIES
WASTEWATER TREATMENT FACILITIES
LIFT STATIONS
CLARIFIERS
SEDIMENTATION BASINS
COLLECTION SYSTEMS
ANAEROBIC DIGESTERS
PRIMARY TREATMENT
SECONDARY TREATMENT
MAN HOLES AND WET WELLS
STEEL AND CONCRETE WATER STORAGE
TANK LINING

FEATURES

- › 1:1 mix ratio
- › Solvent-free; single-coat lining
- › Thick film
- › Non-blushing
- › Can be applied down to 35°F/2°C
- › Quick return to service (24-48 hours for most services)
- › Superior edge protection
- › NSF/ANSI/CAN 600 compliant for use in water tanks, pipes, and valves
- › High impact resistance
- › Resistant to levels of H₂S gas commonly found in waste water environments
- › ANSI/NSF 61 approved

Phenoline Tank Shield

Quality Product Backed by Quality Service

- › Carboline Company has been solving tough corrosion and fireproofing problems since 1947
- › Industrial service centers and sales offices located around the world
- › Over 20 worldwide manufacturing locations with a global network of sales and technical support
- › Industry leading field service and technical engineering support team
- › Certified to ISO 9001

Reasons to use Phenoline Tank Shield

PERFORMANCE FEATURE	ADVANTAGE	BENEFIT
High build; solvent-free	Thick application in a single coat without risk of solvent-entrapment	Longer service life and forgiving application
1:1 mix ratio	Robust plural component ratio	Friendly for plural spray to stay on ratio
Batch mix formula	Single leg spray equipment can be used	Ease of use; fewer personnel to "man" the equipment
Faster cure formula	Faster handle time at lower temperatures	Place tank back in service faster (normally 24 hours)
Superior edge protection	Corrosion protection on areas prone to early failure	Longer service life



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