

Hydroplate™ 1100



Superior chemical resistance ideal for water and wastewater treatment facilities

PRODUCT DETAILS Hydroplate 1100 is a unique proprietary epoxy tank lining formulation that demonstrates exceptional resistance to the aggressive chemicals found in wastewater environments. Hydroplate 1100 is a standard airless spray lining that eliminates 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, Hydroplate 1100 will protect these assets for many years to come.

With its 100% solids formulation, Hydroplate 1100 is the future of water tank linings. As the industry tightens down on allowable solvent levels, Hydroplate 1100 has already met the new, more stringent standards of NSF/ANSI/CAN 600.

Hydroplate 1100 sets the standard for robust, friendly-to-apply linings in the water and wastewater industries.

APPLICATIONS

STEEL WATER STORAGE TANKS
CONCRETE WATER STORAGE TANKS
WATER TREATMENT FACILITIES
WASTEWATER TREATMENT FACILITIES
LIFT STATIONS
CLARIFIERS
SEDIMENTATION BASINS
COLLECTION SYSTEMS
ANAEROBIC DIGESTERS
PRIMARY TREATMENT
SECONDARY TREATMENT
MANHOLES AND WET WELLS

FEATURES

- › Certified by UL to meet NSF/ANSI/CAN 61 and NSF/ANSI/CAN 600
- › Conforms to AWWA D102 ICS 3
- › Batch mix formulation, single-leg airless spray
- › High impact resistance
- › Superior adhesion to steel
- › Excellent abrasion resistance and flexibility
- › Can be applied down to 35°F (2°C)
- › Can be applied as a single or multi-coat system
- › Non-blushing with a long recoat window
- › Fast return to service for potable water applications

Hydroplate 1100

Quality product backed by quality service

- › Carboline 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
- › Carboline is an ISO 9001:2015 certified company

Reasons to use Hydroplate 1100

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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