

Carboguard® 61



Carboguard 61 is a high solid, corrosion resistant epoxy lining.

PRODUCT DETAILS Carboguard 61 is designed for use in both new construction and maintenance as a potable water lining for tanks, pipes and valves. This product has excellent wetting properties resulting in excellent adhesion properties. The majority of water tanks are specified to use polyamide epoxy linings. Carboguard 61 is a high solids polyamide epoxy designed for water tanks and pipelines. Its formulated chemistry gives Carboguard 61 excellent application properties that include good spray and film-build properties with excellent substrate wetting. Combine those attributes with low temperature curing capabilities and extended maximum recoat time and Carboguard 61 is a complete system for water tanks.

APPLICATIONS

WATER TANKS
POTABLE WATER PIPE
VALVES
FITTINGS

FEATURES

- › Low temperature cure (40°F)
- › Low VOC (240 g/l) ; High Solids
- › Long recoat window (one year)
- › NSF/ANSI Standard 61 approved for potable water, 1500 gallon tanks or greater
- › Meets AWWA D102 Inside system #1 and #2
- › Attractive cost per square foot

Carboguard® 61

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 Carboguard 61

PERFORMANCE FEATURE	ADVANTAGE	BENEFIT
Long recoat window	Typical maximum recoat time for epoxies is 30 days but Carboguard 61 allows one year recoat time	Gives applicator flexibility on production timeline and eliminates extensive surface preparation
Low temperature cure	Carboguard 61 will cure down to 40°F while most epoxies will cure down to 50°F	Applicator can save money on heating the tank after painting
High solids polyamide epoxy	Lower VOC emissions and fewer gallons per project	Saves money; and better for the environment

Test Data

TEST	METHOD	RESULTS
Pneumatic Patti	ASTM D4541	1 coat: 2000+psi, 2 coats: 2000+ psi
Direct Impact	ASTM D2794	1 coat: 100 in lbs.
Dry heat resistance	ASTM D2485	1 coat to 250°F
Flexibility Method A	ASTM D522	1 coat: 5/8", no cracking
Exterior Midwest weathering	ASTM D1014	Excellent
Pencil Hardness	ASTM D3363	4H-5H



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