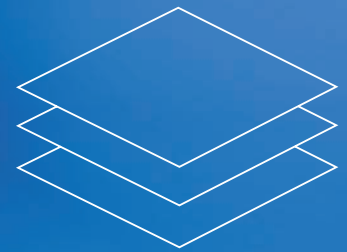


DuraCoat™

Epoxy Powder Coating



CST

VULCAN™
by CST

Why DuraCoat?

Epoxy coated storage tanks are becoming the standard economical choice in liquid storage solutions. CST has many product offerings for the municipal and industrial water/wastewater industries. Among the protective coatings that CST offers is DuraCoat™, an epoxy powder coating specially formulated for municipal water, wastewater, potable water, fire protection, irrigation and river/raw water applications with operating temperatures up to 120° F (49° C).

Coating Compliance

DuraCoat's epoxy powder coating meets the requirements of AWWA D103 & NSF 61.

DuraCoat is applied in an ISO 9001:2015 Certified facility using strict process controls.

For more information on DuraCoat epoxy powder coating, contact us at **+1 844-44-TANKS** or visit us online at cstindustries.com.

Physical Properties

Application	Test	DuraCoat™
Interior Dry Film Thickness (Electrostatically applied powder coating)	Non-Destructive Test - Average DFT	6 mil (150 µm) to 10 mil (250 µm)
Exterior Dry Film Thickness (Electrostatically applied combination of powder epoxy coating and powder UV protectant topcoat.)		6 mil (150 µm) to 9 mil (225 µm)
Limiting Temperature	Immersed	120° F (49° C)
Hot Water Immersion (90 days, 70° C)	AWWA C550-05	Pass
Adhesion (After 7 days, 90° C)	ISO 4624	≥ 16MPa
Corrosion Resistance	Salt Spray ISO 9227 / ASTM B117	Meets or Exceeds Industry Norms
Impact Resistance	ASTM G14 3.2 mm (1/8 in.) Steel Plate	≥ 18 Joules
pH Range		5-10
Abrasion Resistance	Abrasion Wheel ASTM 4060	CS-17, 1,000g, 1,000 Cycles < 40 mg
Hardness	ISO 15184 / ASTM D3362	2H
Chemical Resistance	50% NaOH, 50% H2 SO4	2 Years No Change
Color		Tan, Cobalt Blue, White, Forest Green
Chemical Resistance		
Municipal Water	Municipal Wastewater	Fire Protection
Potable Water	Raw River Water	Irrigation
Quality Assurance		
Adhesion Testing - ASTM D3359-5A		Coating Holiday Testing - 1,100V ASTM D5162 B
Final Dry Film Thickness - Electronic DFT Gauge		Final Cure Testing Solvent Rub - ASTM D5402
Surface Preparation		
SP10 Near-White Metal Blast 95% White Metal		

Exterior Color Options →



Tan
(Munsell 7.5YR 7/4)



White
(RAL 9016)



Forest Green
(RAL 6006)



Cobalt Blue
(RAL 5011)

CST Industries, Inc. | 903 E 104th Street | Kansas City, MO 64131 USA | Ph: +1 844-44-TANKS | cstindustries.com

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