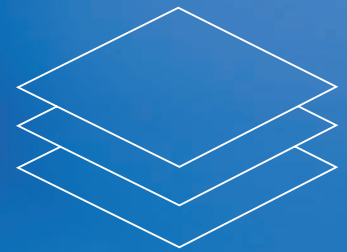


SelectCoat™

Liquid Epoxy Coating



CST

VULCAN™

by CST

Why SelectCoat?

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 SelectCoat™, a liquid epoxy 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

SelectCoat's liquid epoxy coating meets the requirements of AWWA D103 & NSF 61.

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

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

Physical Properties

Application	Test	SelectCoat™
Interior Dry Film Thickness (Manually-applied liquid epoxy coating)	Non-Destructive Test - Average DFT	4 mil (100 µm) to 10 mil (250 µm)
Exterior Dry Film Thickness (Manually-applied combination of liquid epoxy coating and liquid UV protectant topcoat)		6 mil (150 µm) to 13 mil (325 µm)
Limiting Temperature	Immersed	120° F (49° C)
Immersion	ISO 2812 Part 2 - "Resistance to Water Immersion at 40° C"	No film defects after 1 year exposure
Adhesion	ISO 4624 - "Pull-off Test for Adhesion" Using Portable Adhesion Testers	Not less than 7MPa (1015psi) when using a PAT Model GM01 hydraulic adhesion tester on 5 mm thick steel
Corrosion Resistance	ASTM G85, Annex A5 - "Modified Salt Spray or Prohesion Test"	No film defects and an average of 1 mm rust creep at the scribe after 3,000 hours exposure
Impact Resistance	ASTM D2794 - "Resistance to the Effect of Rapid Deformation (impact)"	Direct Impact Resistance - 4.17 Joules
pH Range		5-10
Abrasion Resistance	ASTM D4060 - "Abrasion Resistance of Coatings via the Taber Abraser"	Average of 259 mg weight loss per 1,000 cycles using CS-17 wheels and a 1 Kg loading
Hardness	ISO 15184 / ASTM D3362	2H
Color		Tan, Cobalt Blue, White
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)



Cobalt Blue
(RAL 5011)

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