



ASME Certified Commercial Storage Tanks Horizontal Bare and Sprayed-on Insulated

■ Five-Year Limited Tank Warranty – THE INDUSTRY'S FINEST

- Sprayed-on rigid insulation with acrylic topcoat exceeds ASHRAE 90.1 requirements with 2.25" of high-density polyurethane foam with an "R" value of R-16. SPF meets requirements for California Title 24. The best fire spread rating with a class I foam with less than a 25-flame spread rating suitable for boiler room applications.
- The 100% acrylic topcoat is formulated for applications over spray polyurethane foam and is designed to withstand extreme weather and a full range of environmental conditions.
- The 2 component polyurethane foam is applied at ambient temperatures, directly to the vessel in the desired thickness. The 2-coat topcoat is then applied from a high-pressure spray gun and allowed to dry between applications.
- Sprayed-on foam is an alternative to a insulated steel jacket and is field repairable
- Glass-fused-to-steel water tank
- Designed for 180°F
- All tanks are constructed and certified in accordance with ASME IV, part HLW for 125 psi and 150 psi
- Magnesium anode rods
- Lifting lugs and saddles are attached to the tank
- One ¾" NPT aquastat fitting
- Red oxide primer
- 12" x 16" manway standard on all models with a diameter of 42" or greater. Optional on all other sizes.
- Made in the USA

Spray Polyurethane Foam:

Specific Gravity:	1.17 – 1.19
Viscosity:	800 – 1300
Density:	@ 2" 2.10 – 2.35; @4" 1.88 – 1.99
Closed cell content:	>90%
K-factor, initial:	0.155 – 0.170
Permeance:	2.91 (perms); 2.99 (perms inch)
Dimensional stability:	+3.3 to -8.2 – dry age 28 days (158°F, dry) -0.37 to -0.96 – freeze 14 day (-20°F)
Flame spread:	25 – ASTM E-84
Smoke development:	450
R Value:	7.2/inch
Maximum thickness:	4"

Acrylic Coating:

Topcoat:	2 coats white, 25 mils
Texture:	Smooth
Grade:	Spray or roll
Base:	100% acrylic
Solids by weight:	66% (+/-3)
Solids by volume:	55% (+/-3)
Weight per gallon:	11.65 (+/-0.2)
Tensile strength:	300 psi (+/-25)
Elongation:	260% (+/-25)
Durometer hardness:	62 Shore A (+/-2)
Tear resistance:	85 lbs/in.
Permeance:	11 U.S. Perms @ 20 mils
Viscosity:	110 K.U. (+/-8)
Codes/Approvals:	Energy Star, ICC, UL, ASTM D6083
Reflectivity:	New 85%, aged 78%
Emmissivity:	.89



WE TAKE WATER HEATERS PERSONALLY

