

Insulation specification – HDI-29215

Sprayed-on High Density Rigid Urethane Foam with Metal Jacket

Badgerland Tanks sprayed-on high-density rigid insulation is applied between the steel vessel and a painted 10 gauge metal jacket and exceeds ASHREE 90.1 requirements. The high density foam insulation is applied within a 2” cavity and has an “R” value of 12.5. The steel jacket is completely painted on both sides to reduce corrosion and provides protection to the foam insulation.

The high density rigid insulation is a 2 component polymeric MDI based system utilizing water and the reduced level of HFC R-134a as blowing agents. The system is designed for commercial and industrial applications. Samples have passed UL 94 Flame Class 94 HF-1.

Installed Density:	2.43 pcf
Compressive Strength:	24 psi
Tensile Strength:	32 psi
R - Value:	12.5
Closed Cell Content:	93%
Weight:	1.97 lbs./ cu. ft.
Max. Thickness:	2”
Stability:	@ 2008 F / 28 days is (-3)
Water Permeability:	0.03 lbs./ Ft ²