



ICYNENE MD-T-200^R

Application Scope	ICYNENE MD-T-200 ^R is water blown closed cell spray foam insulation containing recycled content for areas experiencing high temperatures such as storage tanks, external tanks and pipes etc.
Description	The foam is obtained by combining two unique components in equal quantities with a pump/reactor connected to a spray gun. The expansion of the foam is 100% water based <u>without any blowing agent</u> (the water contained in the resin participates to the foam expansion when it is mixed with MDI in the gun chamber).

Physical & Mechanical Properties

Tests	Test Method & Units	Conditions	Values
Thermal Conductivity	ASTM C-518		0.025
Density Range	ASTM C-1622		35-40kg/m3
Compressive Strength	ASTM D 1621 KPa	For a 10% deformation	≥ 170
Water Absorption	ASTM D 2842 kg/m ²	under partial immersion	0,3
Vapor Permability	ASTM D 2178 MNs/gm		97.5
Resistance to vapor diffusion	ASTM E 96 μ		19.5
Air Permeability	ASTM E 2178		0.0002L/s.m2
Dynamic Stiffness	ASTM E 1623 KPa		200
Fire rating	CAN/ULC S102/S127		B s1 d0

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