



Chemthane 7061

Class 1 Fire Rated Polyurea Encapsulant
for use over EPS Foam, Wood or Steel

Features

Class 1 Fire Rated

Chemthane 7061 passes ASTM Designation E84: "Standard Method of Test for Surface Burning Characteristics of Building Materials."

Impact Resistant

Chemthane 7061 is formulated to give excellent impact resistance even in sub-freezing temperatures.

Customizable Finish

Chemthane 7061 is offered in three different cure speeds to allow the sprayer to achieve either a glassy or textured finish.

Pure Polyurea

Chemthane 7061 is a pure polyurea. It is not sensitive to moisture like other polyurethane or hybrid coatings.

Zero VOCs

Chemthane 7061 is a 100% solids coating and is formulated with zero VOCs.

Application

Chemthane 7061 should be applied through a two-component, high pressure proportioning unit. Material and hose heaters should be between 150-170°F. Pressure should be a minimum of 2400 psi. If A side and B side pressures are not equal, stop spraying and examine equipment.

Be sure to consult with a Chemline representative for equipment and application training.

Description

Chemthane 7061 is a 1:1, fast-set, spray applied two-component polyurea hardcoat. It is 100% solids and contains zero VOCs.

Chemthane 7061 is Class 1 Fire Rated. It passes ASTM Designation E84: "Standard Method of Test for Surface Burning Characteristics of Building Materials."

Chemthane 7061 is available in three different cure speeds -- 5, 10, and 15 seconds -- allowing the end-user to achieve a textured or glassy final appearance. The different products are denoted Chemthane 7061.05, 7061.10 and 7061.15.

Technical Data

Property	Value
Hardness, Shore D	50
Tensile Strength, psi	3100
100% Modulus psi	1400
200% Modulus psi	1700
300% Modulus psi	2300
Tear Strength, pli	650
Elongation, %	500
Direct Impact Strength, in.-lbs.	>700
Abrasion Resistance, mg loss CS17 wheels, 1000g, 1000 cycles	20
Application Temperature	
Substrate, °F	40 to 110
Ambient, °F	40 to 110
Gel Time, sec	5, 10, 15
Tack Free Time, sec	10, 20, 30
Recoat Window, min	25

*Values obtained in laboratory setting for comparison purposes only and should not be considered specifications.

Safety

This product is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or a fresh air hood. Spraying indoors requires forced ventilation. Be sure to read MSDS in its entirety prior to using Chemthane 7061.

Packaging, Storage, & Shelf Life

Chemthane 7061 is available in 55 gallon drums and 275 totes. It should be stored in sealed containers between 60°F and 90°F. Shelf life is 12 months under normal conditions.

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