



Chemline 7061FR

Class 1 Fire Rated Polyurea Encapsulant

Description

Chemline 7061FR is a fast set, spray applied, two component polyurea hardcoat. It is 100% solids and contains Zero VOCs. It is highlighted by:

- √ Passes ASTM Designation E84: "Standard Method of Test for Surface Burning Characteristics of Building materials"
- √ Excellent impact resistance even in sub-freezing temperatures
- √ Offered in 3 different cure speeds - 5, 10, and 15 seconds - to allow for either a glossy or textured finish
- √ Pure polyurea formulation, thus not sensitive to moisture

Application Recommendations

Chemline 7061FR adheres extremely well to EPS foam, wood and steel. It should be applied through a two component, heated, high pressure proportioning unit (1A:1B) capable of dynamic spray pressures of 2000-2400 psi.

For further detail consult the **Chemline 7001FR** Material Standard and seek a Chemline Technical Representative for application training.

Packaging, Storage & Shelf Life

Chemline 7061FR available in 5 gallon pails, 55 gallon drums, and 275 gallon totes. It should be stored in sealed containers between 60°F and 90°F. Shelf life is 12 months under normal conditions.

Safety

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

Application Properties

Property	Value
Gel time	5-15 seconds
Tack free time	10-30 seconds
Recoat window	25 minutes

Physical Properties

Property	Value
Hardness, D-2240	D 50
Tensile strength, D-412	3100 psi
100% Modulus, D-412	1400 psi
200% Modulus, D-412	1700 psi
300% Modulus, D-412	2300 psi
Tear strength, DIE-C, D-624	650 pli
Elongation, D-412	500 %
Impact strength (direct), C-14	> 700 lbs
Abrasion Resistance (CS17 wheels, 1000g, 1000 cycles), D-4060	20 mg loss

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

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Chemline, Inc. • 5151 Natural Bridge Rd. • St. Louis, MO 63115 • Phone: (314) 664 - 2230

• 19500 S. Alameda St. • Los Angeles, CA 90221 • Phone: (310) 764 - 0820

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