



Chemline 7030

Protective Polyurethane Coating for Wood Cabinets and Audio Speakers

Description

Chemline 7030 is a 1:1, fast-set, spray applied two-component polyurethane coating. It is 100% solids and contains zero VOCs. When cured, it is highlighted by:

- ✓ High impact resistance even from a low thickness coating
- ✓ Good mar resistance against scratches and scuffs from regular use and transport of finished item
- ✓ Excellent adhesion - soaks into the surface of prepared wood for long lasting durability
- ✓ Water resistant membrane to protect wood from moisture and spills

Application Recommendations

Chemline 7030 is typically used as a protective coating for wood cabinets and audio speakers. It allows for a variety of final appearances, but is generally finished with a "fog coat" to impart a fine, textured finish. We recommend Chemline 1400 as a topcoat to get a flat UV resistant finish.

Chemline 7030 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 or application instructions consult a Chemline Technical Representative.

Packaging, Storage & Shelf Life

Chemline 7030 is available in 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 in factory sealed containers.

Safety

Chemline 7030 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	8 seconds
Cure to touch	40 seconds
Cure to handle	2 minutes
Recoat window	30 minutes

Physical Properties

Property	Value
Hardness, Shore D, D-2240	68 D
Tensile strength, D-412	3700 psi
Elongation, D-412	70 %
Flexural Modulus, D-790	119,000 psi
Impact Strength (15 mil on wood) , Gardner Impact D-5420	84 lbs
Impact Strength (70 mil on wood) , D-2794	160 lbs
Impact Strength (140 mil free film), Gardner Impact D-5420	96 lbs
Abrasion Resistance (1000g, 1000 cycles), D-4060	7 mg loss (CS-17 wheels) 22 mg loss (H-10 wheels)

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

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