



Chemline 3700

Aliphatic Polyurethane Topcoat

Description

Chemline 3700 is a fast set, two component, aliphatic polyurethane coating topcoat. It is 100% solids and contains Zero VOCs. When cured, it is highlighted by:

- √ High gloss for aesthetic finish
- √ Excellent chemical resistance
- √ UV stabilized - will not chalk or discolor in direct sunlight

Application Recommendations

Chemline 3700 exhibits excellent adhesion and bonding to Chemline 2261 and 2265. 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 3700** Material Standard and seek a Chemline Technical Representative for equipment and application training.

Packaging, Storage & Shelf Life

Chemline 3700 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 under normal conditions.

Safety

Chemline 3700 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 MSDS in its entirety prior to use.

Application Properties

Property	Value
Cure to touch	2-3 mins
Cure to handle	10-15 mins
Recoat window	5-30 mins

Physical Properties

Property	Value
Hardness, Shore D, D-2240	70 D
Tensile strength, D-638	> 4000 psi
Elongation, D-638	15%
Impact strength, C-14	> 60 lbs
Flexibility (180° bend over 1/2 inch mandrel), D-522	Pass at 20 mils
Abrasion Resistance (CS17 wheels, 1000g, 1000 cycles), D-4060	60 mg loss

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

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