



Chemline 6050

Polyurea Concrete Lining for Secondary Containment

Description

Chemline 6050 is a 1:1, fast-set, spray applied two-component polyurea coating. It is 100% solids and contains zero VOCs. When cured, it is highlighted by:

- ✓ Excellent resistance against chemicals
- ✓ High flexibility and elongation to conform to the substrate during movement
- ✓ Good resistance to humidity and moisture in the environment
- ✓ Fast setting to minimize down times of application areas

Application Recommendations

Chemline 6050 adheres extremely well to concrete. Typical applications include wastewater containment, chemical containment and spill control, fuel loading and unloading stations, water ponds, vapor barriers and landfills.

Chemline 6050 should be applied through a two component, heated, high pressure proportioning unit (1A:1B) capable of dynamic spray pressures of 2400 psi.

For further detail consult the **Chemline 6050** Material Standard and seek a Chemline Technical Representative for equipment and application training.

Packaging, Storage & Shelf Life

Chemline 6050 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 6050 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
Application Temperature	40°F to 110°F
Gel time	20 seconds
Tack free time	30 seconds
Recoat window	25 minutes

Physical Properties

Property	Value
Hardness, Shore D, D-2240	56 D
Tensile strength, D-412	2625 psi
Tear strength, D-624	375 pli
Elongation, D-412	300 %
Abrasion Resistance (CS17 wheels, 1000g, 1000 cycles), D-4060	25 mg loss
Permeability, E-96	0.05 g/hr•m ²

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

Revised 04/2017

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

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA, OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by Chemline, Inc. hereunder are provided gratis and Chemline assumes no obligation or liability for the descriptions, designs, data and information given or results obtained, all such being given and accepted at your risk.