

Deltathane CL 280

Product Description:

Deltathane CL 280 is a two-component polyurethane system designed for a variety of geotechnical applications. The system is formulated to provide exceptional flow or spread under concrete structures when water is present to create a hydrophobic MDI polymer formula. It is designed for quick expansion and pinpoint control for structural lifting and leveling.

Product Uses:

Residential and Commercial Work
Concrete Slab Lifting
Void Fill

Typical Chemical Attributes:

	<u>Isocyanate</u>	<u>Resin</u>
Appearance (liquid)	dark brown	grey
Viscosity (cps)	150 - 250	600 - 700
Density (lbs/gal)	10.3	8.4

Typical Lab Processing Attributes:

	@ 72°F
Cream Time (sec)	10-13
Tack Free (sec)	45-48
Free Rise Density (pcf)	2.8

Processing Recommendations:

The descriptions, data, designs and information contained herein are presented in good faith and believed to be accurate. This information is provided for guidance ONLY. Many factors will affect the processing or application of Delta Urethanes LLC products. It is necessary that you make tests to determine ultimate suitability for Delta Urethanes LLC products for your particular application. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described, data or designs presented. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. You expressly agree to release Delta Urethanes LLC from all liability in tort or contract based on the technical information provided. All such information is accepted at your own risk.

Deltathane CL 280 is designed for use with high pressure, plural component spray equipment (800-1000 psi) capable of controlling component temperatures to 110°F - 125°F. Optimal spray settings will vary with proportioner, hose dimensions, gun configuration and ambient conditions.

Typical Physical Properties:

Core Density (ASTM D1622)	2.8-3.0 pcf
Compressive Strength (ASTM D1621)	36-40 psi
Tensile Strength (ASTM D1623)	105 psi
Closed Cell Content (ASTM 2856)	> 90 %
Water Absorption (ASTM D2842)	< 0.04
Resistance to Solvents	Excellent

Storage & Shelf Life:

The components have an optimal shelf life of 6 months when stored in unopened containers at temperature between 50° and 70°F. Excessively high temperatures may reduce optimal shelf life. Store the material at 70°-90°F for 48 hours prior to use.

Safety and Handling Information:

It is critical to read and become familiar with the Safety Data Sheets prior to working with Deltathane liquid components. When handling these materials and during application, always use appropriate personal protective equipment. Avoid prolonged breathing of vapors; avoid contact with skin, eyes and mucous membranes. In case of chemical contact with eyes, flush

Delta Urethanes LLC

403 Century Plaza Drive, Suite 420, Houston, Texas 77073

(832) 827 – 2915

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