



CL300

Concrete Lifting Foam

Levion CL 300 is a two-component injection polyurethane closed cell rigid system. The system is formulated to lift concrete in several applications.

Typical Chemical Attributes (@75°F)

Attribute	ISO	Resin
Viscosity (cps)	150-250	850 ± 100
Weight @ Gal	10.3	8.55 ± 0.50
Liquid Appearance	dark brown	clear, amber
A/B Ratio (by volume)	1.1:1.0	
A/B Ratio (by weight)	57/50	

Typical Machine Mix Reactivity

Attribute	Results
Cream Time (sec)	5 ± 2
Gel Time (sec)	22 ± 2
Tack Free Time (sec)	34 ± 2
Rise Time (sec)	26 ± 2
Density (free rise)	2.8-3.2 pcf

*A-side and B-side both @ 120-135°F

Typical Physical Properties

Attribute	Results
Core Density	2.8-3.2 pcf
Compressive Strength	30-35 psi
Closed Cell Content	>95%
Water Absorption	<0.08 lbs/ft ²
Fungus Growth	None

Processing Parameters

Levion CL300 is designed for use with high pressure (1100-1300 psi) foam dispensing machines capable of maintaining the designed processing parameters:

Mix Pressure	1100-1300 psi
Component Temperature (A/B)	120°F-135°F

Optimal settings will vary with dispensing unit configuration and ambient conditions. Density will vary with component temperature.

Storage Recommendation

The components have an optimal shelf life of 6 months when stored in unopened containers at temperature between 55° and 85°F. Excessively high temperatures may reduce optimal shelf life. Store the isocyanate and the resin components in a conditioned area, away from exposure to direct sun light and precipitation. Keep material containers tightly closed. Material in opened containers should be kept under a blanket of dry air or nitrogen.

Store the material at 55°- 85°F for 48 hours prior to use.

Health and Safety Handling

It is critical to read and become familiar with the Safety Data Sheets (SDS) prior to working with Levion 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 with water for at least 15 minutes and get medical attention. For more information, consult the material SDS.

Spills

In case of spills, contain and collect spillage with a non-combustible absorbent material, such as: sand, earth, clay-based oil absorbent (kitty-litter), etc.

Product Support

For further support, contact the Technical Services Department at Quadrant Performance Materials by calling 972-542-0072.

Disclaimer

The technical information provided in this document serves as a general guideline. Always refer to the Safety Data Sheet (SDS) and product label before use.

LIMITED WARRANTY INFORMATION: The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are only intended for sale to commercial customers. Customer assumes full responsibility for quality control, testing, and determination of suitability of products for its intended application or use. We warrant that our products will meet our specifications contained herein. We make no other warranty of any kind, either express or implied, by fact or law, including any warranty of merchantability or fitness for a particular purpose. Our total liability and customers' exclusive remedy for all proven claims is replacement of nonconforming product and in no event shall we be liable for any other damages.