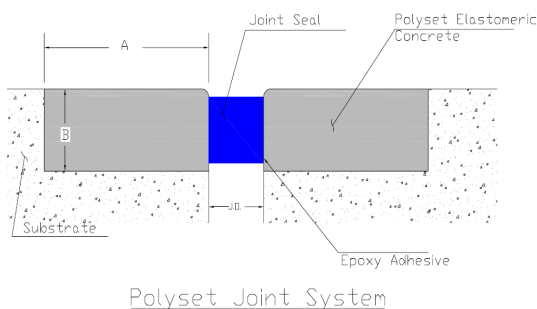


## Ply-Krete® LV

## Technical Bulletin

**Ply-Krete® LV** is low-viscosity, two-component, moisture insensitive, 100% solid, elastomeric concrete. It is designed as an expansion joint header to preserve and protect concrete decks and substructures by preventing water absorption and minimizing chloride intrusion. **Ply-Krete® LV** is a fast-setting elastomeric concrete with high, early strengths to help ensure a quick return of traffic.



### Key Features

- Low viscosity for easier mixing
- Fast setting
- Moisture insensitive
- High abrasion resistance
- Excellent load bearing characteristics
- Excellent thermal shock resistance
- Excellent adhesion to various substrates
- Excellent impact resistance
- Waterproof and chemical resistant
- Resistant to UV and ozone exposure
- Resistant to freeze-thaw changes

### Other Applications

- Patching concrete and asphalt
- Railroad crossings
- Warehouse floors
- Waterproof protective membrane coating
- Skid resistant overlay for bridge decks & other structures

**Shelf Life:** Two years in the original, unopened containers

**Storage:** Store between 60-100°F

**Limited Warranty:** Polyset Company Inc. makes no warranty, expressed or implied, including any warranty of merchantability of fitness for a particular purpose. The sole remedy of Purchaser for any claim concerning this product, including, but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, at the discretion of Polyset Company Inc. Any claims concerning this product shall be submitted in writing within one year of the delivery date of this product to Purchaser and any claims not presented within that period are waived by Purchaser. IN NO EVENT SHALL POLYSET COMPANY INC. BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDES LOSS OF PROFITS) OR PUNITIVE DAMAGES. Copyright © 2016 Polyset Company, Inc. All rights reserved. Revised 8/16.

## Physical Data

Appearance @ 25°C			
	Part "A"	Part "B"	Mixed
<b>Packaging</b>	1 Can	1 Can	With 1 Bag Agg
<b>Color</b>	Straw	Black	Black
<b>Viscosity, cps</b>	700 ± 200	1200 ± 300	-
<b>Wt./gal., lb</b>	9.3 ± 0.2	9.3 ± 0.2	-
<b>Yield</b>	-	-	0.52 ft <sup>3</sup>
Ratio & Cure			
<b>Mix Ratio</b>	1 Part "A"	1 Part "B"	By Volume
	100 "A"	100 "B"	By Weight
<i>Mix A &amp; B well, then add supplied aggregate</i>			
<b>Cure</b>	Gel Time @ 25°C		15-25 Min.
<b>Initial Cure</b>	1-3 Hrs	Less if Aggregate is Preheated	
Strengths with Aggregate (Aggregate Type Affects Results)			
<b>Compressive Strength, psi</b>	5,000 Min.		ASTM D695
<b>Resilience @ 5% Dfl</b>	95% Min.		ASTM C579
<b>Brittleness ± 1 ft-lb</b>	10 ft-lb Min.		Ball Drop
Strengths with Binder Only			
<b>Percent Elongation</b>	50 Min.		ASTM D638
<b>Tensile Strength, psi</b>	1450 Min.		ASTM D638
<b>Tear Strength, pli</b>	275 Min.		ASTM D624
<b>Shore D Hardness</b>	60 Min.		ASTM D2240
<b>Bond Strength</b>			
To Dry Concrete	500 psi		ASTM D624
To Wet Concrete	275 psi		

For installation instructions, please refer to the "Elastomeric Concrete Installation Instructions Technical Bulletin". For health and safety information, please refer to the MSDS. **KEEP OUT OF REACH OF CHILDREN.**

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