



## Ply-Primer

## Technical Bulletin

**Ply-Primer** is a unique two-component, low-viscosity modified elastomeric priming agent developed for use with the **Ply-Krete®** brands of elastomeric concrete. **Ply-Primer** has excellent adhesion to steel, concrete, and asphalt. The lower viscosity allows for a more user-friendly application with better wetting properties.

### Key Features

- Excellent adhesion to various substrates
- Excellent thermal shock resistance
- Excellent moisture resistance
- Flexible and resilient
- Resistant to freeze-thaw changes
- Very good solvent and chemical resistance

### Mixing

It is recommended to wear protective gloves and splash-resistant glasses. If not using the full unit, stir the individual components prior to mixing together. Mix according to specified mixing ratio with low-speed drill for 60—90 seconds.

### Application

For best results, sandblast all surfaces to receive the **Ply-Primer**. New concrete should cure 80% of designed strength prior to application. Steel surfaces should be sandblasted to SSPC-10, near white finish, immediately before the application of the **Ply-Primer**. Apply by brush or spray at a minimum of 20 mils thick (80 sq. ft./gal); avoid puddling.

**Shelf Life:** Two years in the original, unopened containers. Packed in 1 gallon cans; 3 units per case.

**Storage:** Store between 60 -100°F; keep from freezing.

## Physical Data

Appearance @ 25°C			
	Part "A"	Part "B"	Mixed
Packaging	3/4 Gal	3/4 Gal	1.5 Gal
Color	Straw	Black	Black
Viscosity, cps	700 ± 200	8000 ± 1000	-
Wt./gal., lb	9.2 ± 0.2	9.0 ± 0.2	-
Yield	120 sq. ft/ 1.5 Gal Unit		

Ratio & Cure			
Mix Ratio	1 Part "A"	1 Part "B"	By Volume
	100 "A"	98 "B"	By Weight
Cure	Gel Time @ 25°C		15-25 Min.
Contact Time	Placement of Ply-Krete®; 0-3 Hrs @ 25°C		

Strengths with Binder Only		
Percent Elongation	45 ± 10	ASTM D638
Tensile Strength, psi	2,100 ± 200	ASTM D638
Tear Strength, pli	375 ± 25	ASTM D624
Shore D Hardness	65 ± 5	ASTM D2240
Bond Strength To Dry Concrete To Wet Concrete	500 psi 300 psi	Tex 618-J

For additional installation instructions, please refer to the "Ply-Krete® Installation Instructions Technical Bulletin". For health and safety information, please refer to the MSDS.

**KEEP OUT OF REACH OF CHILDREN**

PC2609

**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.