

## Ply-Primer

**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.

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## 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	500 psi	Tex 618-J	
To Dry Concrete	300 psi		
To Wet Concrete			

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**

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