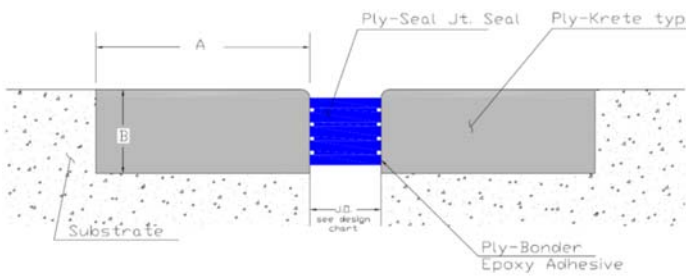


**Technical Bulletin**

# Ply-Krete® FS (CC)

**Ply-Krete® FS (CC)** is a fast-setting, cold cure, low-velocity, two-component 100% solid, modified polyurethane 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® FS (CC)** is a fast-setting **Ply-Krete®** elastomeric concrete, allowing traffic to return in as little as two hours.



## Key Features

- Flexible, but tough
- High abrasion resistance
- Easy mixing and fast setting
- Excellent impact resistance
- Excellent thermal shock resistance
- Very good solvent and chemical resistance
- Ideal for quick repairs to expansion joints
- Excellent adhesion to various substrates
- Resistant to UV and ozone exposure
- Resistant to freeze-thaw changes
- Economical with high quality

## Other Applications

- Pothole patching material in concrete
- Repairing control joints in concrete decks and roadways
- Control joints in warehouse floors

**Shelf Life:** One year in the original, unopened containers

**Storage:** Store between 65–90°F

## Physical Data Typical properties, not intended for specifications

Appearance @ 25°C			
	Part "A"	Part "B"	Mixed
<b>Packaging</b>	1 Can	1 Can	With 1 Bag Agg
<b>Color</b>	Black	Lt. Brown	Black
<b>Viscosity, cps</b>	550 ± 25	250 ± 50	-
<b>Wt./gal., lb</b>	8.1 ± 0.1	10.2 ± 0.1	-
Ratio & Cure			
<b>Mix Ratio</b>	2 Part "A"	1 Part "B"	By Volume
	100 "A"	63 "B"	By Weight
Mix A & B well, then add supplied aggregate			
<b>Cure</b>	Gel Time @ 50°F		8 -12 Min.
<b>Initial Cure</b>	2 Hrs @ 50°F		With Supplied Aggregate
Properties with Aggregate (Aggregate Type Affects Results)			
<b>Compressive Strength, psi</b>	3000 Min.		ASTM C579
<b>Brittleness ± 1 ft-lb</b>	7 ft-lb Min.		Ball Drop
Properties with Binder Only			
<b>Tensile Strength, psi</b>	1650 ± 200		ASTM D638
<b>Tear Strength, pli</b>	150 ± 25		ASTM D624
<b>Shore D Hardness</b>	45 ± 5		ASTM D2240
<b>Bond Strength To Wet Concrete</b>	450 psi		Tex 618-J

Packaging: Standard stock kits yield 0.52 cu. ft. per kit. Larger size packaging is available upon request.

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

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