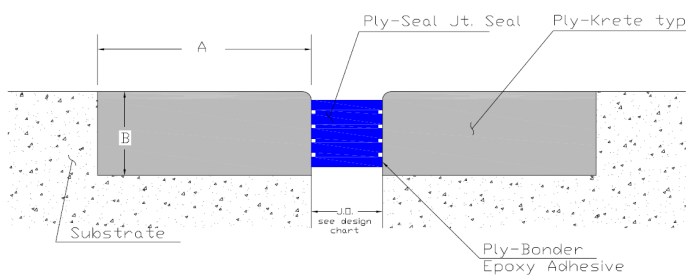


Ply-Krete® 2615

Technical Bulletin

Ply-Krete® 2615 is a fast-setting, low-viscosity, 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 and spalled edges.



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
- 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 & roadways
- Quick repairs to expansion joints

Shelf Life: One year in the original, unopened containers

Storage: Store between 65 – 90°F

Packaging: Standard stock "KIT" consist of 1 gallon "A" + 1/2 gallon "B" + supplied aggregate to yield 0.525 cu. ft./"kit". Larger packaging available upon request.

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Physical Data Typical properties, not intended for specifications.

Appearance @ 25°C			
	Part "A"	Part "B"	Mixed
Packaging	1 Can	1 Can	With 1 Bag Agg
Color	Black	Lt. Brown	Black
Viscosity, cps	550 ± 25	360 ± 50	-
Wt./gal., lb	8.1 ± 0.1	10.2 ± 0.1	-
Ratio & Cure: Mix A & B well then add supplied agg.			
Mix Ratio	2 Part "A"	1 Part "B"	By Volume
	100 "A"	62 "B"	By Weight
Cure	Gel Time @ 25°C		8 -12 Min.
Initial Cure	2 hr @ 25°C	With Supplied Aggregate	
Properties with Aggregate (Aggregate Type Affects Results)			
Compressive Strength, psi	3000 Min.		ASTM C579
Resilience @ 5% Dfl	98% ± 2		ASTM C579
Brittleness ± 1 ft-lb	7 ft-lb Min.		Ball Drop
Bond Strength (to Concrete)	450 psi		ASTM D882
Shore D Hardness	50 Min.		ASTM D2240
Splitting Tensile Strength	650 Min.		ASTM D3967
Properties with Binder Only			
Percent Elongation	150 Min.		ASTM D638
Tensile Strength, psi	2000 Min.		ASTM D638
Tear Strength, pli	200 Min.		ASTM D624

For proper 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

PC2615