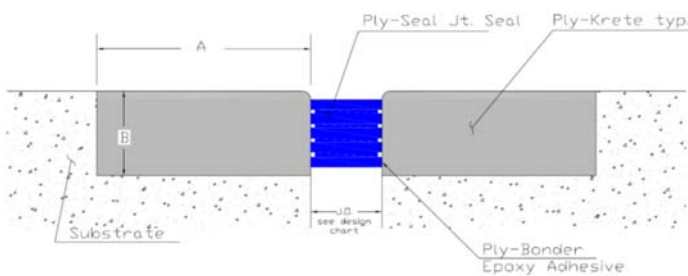


Ply-Krete® 2620

Technical Bulletin

Ply-Krete® 2620 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. Ply-Krete® 2620 is the most user-friendly Ply-Krete®.



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 freeze-thaw changes
- Economical with high quality

Other Applications

- Pothole patching material in concrete
- Repairing control joints in concrete decks & roadways

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 | Grey | Lt. Brown | Grey |
| 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