

JointCrete Primer is a unique two-component, low viscosity modified elastomeric priming agent developed for use with the **JointCrete Header** elastomeric concrete.

JointCrete Primer has excellent adhesion to steel, concrete, and asphalt. The lower viscosity allows for a more user-friendly application with better wetting properties.

Key Benefits

- 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. Mix according to specified mixing ratio with low-speed drill for 60-90 seconds.

Application

For best results, sandblast all surfaces to receive the **JointCrete 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 **JointCrete Primer**. Apply by brush or spray at a minimum of 20mils thick (80 sq. ft/gal); avoid puddling.

Shelf Life: Two years in the original, unopened containers. Packed in one-gallon cans.

Storage: Store between 60-100°F (18-32°C), keep from freezing.

Appearance at 77°F (25°C)

| | Part "A" | Part "B" | Mixed |
|----------------|---------------------------|-------------|---------|
| Packaging | ¾ Gal | ¾ 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 @ 77°F (25°C) | | By Weight |
| Contact Time | Placement of JointCrete ; 0-3 Hrs @ 77°F (25°C) | | |

Strengths with Binder Only

| | | |
|-------------------------------|------------|------------|
| Percent Elongation | 45 ± 10 | ASTM D638 |
| Tensile Strength, psi | 2100 ± 200 | ASTM D638 |
| Tear Strength, psi | 375 ± 25 | ASTM D624 |
| Shore D Hardness | 65 ± 5 | ASTM D2240 |
| Bond Strength To Dry Concrete | 500 psi | Tex 618-J |
| To Wet Concrete | 300 psi | |

For proper installation, please refer to the **JointCrete Header and Primer** Installation, Operation + Maintenance Manual, or your Nystrom expansion joint Installation, Operation + Maintenance Manual.

KEEP OUT OF REACH OF CHILDREN