

## 6015 Nova♦Bar

**Description: 100% Solids Anchoring Adhesive Thixotropic Gel Per ASTM C-881**

6015 Nova Bar is a 100% solids, advanced technology of diglycidyl ether of bisphenol-A resin reacted with a modified multiple ring cycloaliphatic amine adduct activator, *advanced curing agent system specifically designed for use as a bonding adhesive*. The resulting polymer structure is very high strength, highly adhesive, fast set, moisture tolerant, extremely tough with superior chemical resistance to corrosive waters, deicing chemicals. The product is formulated to be dispensed via a 1:1 application pump or dispensed from 21 ounce duplex cartridges. The cured product conforms to USDA requirements for coatings/bonding agents in incidental contact with food, does not support bacteria. 6015 is self-priming when used on cleaned surfaces for adhesive bonding.

### Industrial Bonding Usage

- Dowel/Bolts - Concrete Pavement
- Airfield Lighting & Electronics
- Food Processing Equipment Anchors
- Concrete Repair & "Knitting"
- Waste holding & Treatment Areas
- Petrochemical Production Areas

### Advantages – 6015

- Meets ASTM C-881
- Rapid Set - Advanced Curing System
- Curing Without External Heat
- Not Moisture Sensitive
- Multi-Use On Many Substrates/Materials
- Balanced Viscosity, Machine Dispensed, Duplex Cartridges.
- Pre-measured Kits
- Rapid Development of Strength
- Chemical & Abrasion Resistance
- Conforms to USDA
- High Heat Deflection

### General Physical Characteristics

Solids	100%
Shelf Life	1 year
Pot Life, minutes	10-15 @ 75°F
Gel time – 200 gm. Mass, minutes	20 @ 75°F
Tack Free ASTM D2471 200 gm. 30 min @ 75°F	
V.O.C. Content	0 grms/ltr.
Mixed Viscosity Grout/Sand	Pump Grade
Color, Mixed	Gray
Tensile Strength, psi (ASTM D638)	8,500
Compressive Strength, psi (ASTM D-695)	13,300
Elongation % (ASTM D-229)	2.3
Bond Strength, psi (ASTM C-188)	3,700
Concrete Bond Elcometer	Concrete Failure
Coefficient of linear. expansion cm/cm/deg. C - (ASTM D1168)	.00020
Heat Deflection (ASTM D-648)	130-135 @ 75°F
Viscosity, Thixotropic Gel	Pump Grade

**Temperature Range:** 40°F to 90°F (air and surface) and 5°F above dew point. Cool areas, keep the packaged product in a warmed area before using.

Note: For every 18 degrees below the estimated Potlife, the Potlife will double and at cold temperatures the set time will be extended and hardness may take 12 to 24 hours to fully develop. Test the product at the temperature it is intended to be used in the application prior to project installation.

**Preparation:** Concrete must have a minimum 28 day cure prior to application. Remove any curing agent, form release materials, oils, wax, moisture or any material that may affect bonding. Provide dust free rough profile minimum 2 to 3 mils. Review ASTM D4259 Abrading Concrete. Do not apply if the application areas have not been properly prepared.

**Packaging:** 10 gallon kits, 21 ounce duplex cartridges. Pigment Colors: Medium Gray,

\*Applicator wear protective clothing, goggles and NIOSH cartridge mask as needed. This product is for use by professional applicators only. Read MSDS before using this product. DOT/Flash Point – Non-flammable Liquid Classification. Warranty: See ASTC Polymers, Inc. Warranty data sheet. Product data sheets subject to change without notice. © 2015 ASTC Polymers, Inc.