



## 6007 Nova Bar

**Description: Damp & Wet Condition, 100% Solids Industrial & Commercial Chemical Resistance Epoxy Coating**

6007 Nova Bar is a 100% solids, advanced technology of diglycidyl ether of bisphenol-A resin reacted with a modified multifunctional polyamidoamine adduct activator. The resulting polymer structure is excellent for problematic coating areas that remain damp or wet. The 6007 will bond, cure and protect the concrete due to its high tolerance to wet conditions. The product has outstanding adhesion to wet concrete and sand blasted steel and provides a smooth, glossy, tack free cured film with exceptional corrosion protection.

### Uses & Advantages

- Applied in damp & wet conditions provides
- Protective attractive color coat epoxy flooring system
- Excellent working properties
- Very good corrosion protection
- Highly adhesive with some flexibility
- Easy to apply
- Mild odor
- Excellent prime coat for top coats
- Floors in corrosive environments
- Base coat for secondary containment coatings in damp conditions

### Properties

Solids	100% Shelf Life
1 year Mix Ratio	2:1
Appearance	clear/amber
Gel Time, 100 grams	2 to 4 hours
Gel Time Accelerated Version	50 min. to 1.5 hrs.
Techne GT-3 Gelation Timer	
Thin Film Set Time	8 to 10 hrs.
Thin Film Set Time Accelerated Version	4 to 7 hrs.
Gardner Circular Drying – 10 mils	
V.O.C. Content – grms/ltr.	0
Shore D Hardness ASTM D2240	72-75
Impact Resistance (Direct/Rev.) (in-lb)	20
ASTM D2794	

**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. \*Perform a Moisture Vapor Test before making the coating application on concrete. Clean by abrasive “brush-off” blast. Provide rough profile minimum 2 mils. Review ASTM D4259 Abrading Concrete and ASTM F1869 Measuring Moisture Vapor Emission. Seal/repair all bug-holes, cracks and spalls, see ASTC data sheets on 830, 4034 and 3004 (joints). Use an ASTC primer over filled cracks and voids.

Do not apply 6007 to floors that have not been properly repaired, treated and primed or that do not have a pH of 7-8.5. Remove all old coatings.

To apply over existing material/coating: The existing coating must be abraded to produce a profile of a minimum of 3 mils. The application over existing materials is only as good as the existing material that is in place. Such materials should be well bonded and very secure to the substrate.

**Top Coats** over 6007 should be applied as soon as the 6007 has set enough to allow access to apply additional coatings. If the 6007 has set and become cured for 8 to 12, the surface may have to be abraded to add profile for bonding of a top coat.

**Temperature Range:** 35°F to 125°F (air and surface) and 5°F above dew point.

**Packaging:** 3 gallon kits & 15 gallon kits.

**Color:** Gray or clear

**Limitations:** Concrete; Best results over 2 to 3 mil profile and vapor barrier as needed. Hot conditions: the product may set faster in hot conditions and slower in cold conditions. Keep out of direct sunlight and store the product kits on wood pallets at room temperature. Wear protective clothing, goggles and NIOSH cartridge mask. Use positive air supply for confined spaces as required. This product is for use by professional applicators only. Wear Protective Clothing. Read MSDS before using this product. DOT/Flash Point – Non-flammable Liquid Classification. Warranty: See ASTC Polymers, Inc. Warranty data sheet. (8/12) Product data sheets subject to change without notice. © 2013 ASTC Polymers, Inc.