



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	A3:B2
Appearance	clear/amber
Gel Time, 100 grams	2 to 4 hours
Gel Time Accelerated Version Techne GT-3 Gelation Timer	50 min. to 1.5 hrs.
Thin Film Set Time	8 to 10 hrs.
Thin Film Set Time Accelerated Version	4 to 7 hrs.
Vapor control emissions ASTM F1869 (depending on thickness, penetration, surface preparation)	15-18 psi.
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) ASTM D2794	20

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.

Do not apply 6007 to floors that have not been properly prepared or that do not have a pH of 7-8.5. Remove all old coatings as needed.

Preparation: Surface grind to produce a profile of 3 mils minimum.

To apply over existing material/coating: The existing coating must be checked for bond to the substrate and if it is sound abraded to produce a profile of a minimum of 2 mils. The application over existing materials is only as good as the existing material that is in place. After surface preparation, remove as much moisture as possible. No standing water and reduce dampness before coating. As a base coat apply at a mil thickness of not less than 12 to 16 mils or as determined by the applicator.

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 hours, 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: premeasured kits.

Color: Clear

Limitations: Concrete; Best results over 2 to 3 mil profile. 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. (8/15) Product data sheets subject to change without notice. © 2015 ASTC Polymers, Inc.