

6011 Nova♦Bar

Description: 100% Solids Industrial & Commercial Epoxy Floor Coating

Nova Bar 6011 is a 100% solids 1:1 ratio, cycloaliphatic epoxy that is highly adhesive, chemical resistant, anti-corrosive, bonds to steel and concrete. This product is very clear when un-pigmented. The 6011 is formulated as a rapid set coating designed to have good open time for using this product on industrial floor applications where chemical resistance and a good appearance is required.

Advantages

- ✚ Anti-Scratch, abrasive resistant
- ✚ Protective attractive color coat epoxy flooring system
- ✚ Self-Priming
- ✚ Rapid set time
- ✚ High durability
- ✚ Designed to seal floors against water, oils and chemicals
- ✚ Good Color stability
- ✚ Excellent with color chips
- ✚ Meets USDA requirements for intermittent food contact surfaces

Properties

| | |
|---|--------------------------|
| Appearance | clear or pigmented |
| Solids | 100% |
| Mix Ratio | 1:1 |
| Viscosity; | approx. 600 cps |
| Gel Time, 100g @ 75°F: | 40-50 minutes |
| Pot Life | 35 minutes |
| Tack Free | 1.5-2.5 hrs. @ 75°F |
| Thin Film Set Time: | 2-2.5 hrs. |
| Hardness Shore D: | 60 |
| Elongation % | 3-6 |
| Elcometer Test | Concrete Failure at pull |
| Shelf Life | 2 years unopened |
| Light foot traffic (temperature dependent) | 3 to 4 hrs. @75°F |
| Tensile Strength | >5,000 psi |
| Abrasion Resistance ASTM D-1044 | 1,000 cycles 0.6 gm. |

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.

Check moisture vapor drive via a calcium chloride test. If the vapor drive test shows a high amount of moisture present consider using ASTC’s CMW or 6007 WC. If there is evidence of efflorescence present on the concrete slab use CMW after preparation and at least 24 hours prior to coating.

Prepare concrete via grinding or shot blasting to produce a 2 to 3 mil profile.

Steel: Clean by abrasive “brush-off” blast. Provide rough profile minimum 2 mils.

Review ASTM D4259 Abrading Concrete and ASTM F1869 Seal/repair all bug-holes, cracks and spalls, see ASTC data sheets on 830, 4034 and 3004 (joints).

Do not apply 6011 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.

Mix Part B before using to assure pigment is in suspension.

Thinning: This product should not be thinned. If thinning is required use Xylene sparingly for desired application result. Test before using on a large area.

Temperature Range: 35°F to 125°F (air and surface) and 5°F above dew point. Pre-condition product to a minimum of 65°F to 75°F before using.

Packaging: 1 gallon kits, 2 gallon kits, 10 gallon kits.

Colors: Fog Gray and Wheat/Tan, Light Gray, Medium Gray, Bright Tile Red, Black.

Storage: Store on wood pallets, out of direct sunlight, between 40°F to 95°F.

Limitations: Hot conditions: the product may set faster in hot conditions and slower in cold conditions. Keep out of direct sunlight, store product kits on wood pallets at room temperature. *Applicator shall 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. (8/10) Product data sheets subject to change without notice. © 2015 ASTC Polymers, Inc.