Floorguard Products

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# ASPARTIC 85

SLOW GO POLYASPARTIC

## PRODUCT OVERVIEW

Aspartic 85 Slow Go is a premium two-component, 85% solids, solvent-based aliphatic polyaspartic coating engineered for superior performance and extended working time. Designed for installers who need more open time—whether due to warmer climates, large-scale projects, or detailed application work—Slow Go delivers exceptional control without sacrificing durability or finish quality. This advanced formulation provides outstanding UV stability, abrasion resistance, chemical resistance, and stain resistance, ensuring long-lasting protection in both residential and commercial environments. Its excellent gloss retention preserves the floor's appearance over time, while its slow-cure characteristics allow for smoother, more consistent application and improved leveling. Also available in a low-odor option and can be field pigmented using E-Poly universal colorants.

## KEY FEATURES

- Extended Working Time
- Enhanced Flow & Leveling
- Warm-Temp Workability
- Improved Aesthetic Control
- Minimal Installation Stress
- UV Stability
- High Abrasion Resistance
- Excellent Chemical Resistance
- High Impact Strength
- Low Odor-Low VOC Option

## COLOR OPTIONS

CLEAR

## APPLICATION CONSIDERATIONS

- Higher ambient, product, and substrate temps will decrease working time and dry time
- Slab on grade requires moisture barrier
- Will not bridge substrate cracking

## PHYSICAL CHARACTERISTICS

| | |
|---|---|
| **SOLIDS CONTENT** | 85% |
| **VOC CONTENT** | <160 g/L |
| **VOLUMETRIC MIX RATIO** | 2A:1B |
| **VISCOSITY** | 1,000 cps |
| **POT LIFE**<br>1.5 GAL MASS | 60-70 Minutes @ 70°F |
| **WORKING TIME** | 45-60 Minutes @ 70°F |
| **TACK FREE** | 5-7 Hours @ 70°F |
| **RECOAT WINDOW** | 5-12 Hours @ 75°F |
| **LIGHT FOOT TRAFFIC** | 12 Hours @ 75°F |
| **FULL CURE** | 2 Days |
| **APPLICATION TEMPERATURE** | 30°F - 90°F \| RH <85% |
| **COVERAGE RATE** | 133-160 ft²/gal @ 10-12 Mils WFT |
| **SHELF LIFE**<br>UNOPENED | 1 Year |
| **PACKAGING** | 3 Gallon Kit \| 15 Gallon Kit |

## TECHNICAL PROPERTIES

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|---|---|---|
| **HARDNESS** | ASTM D2240 | Shore D 80 |
| **COMPRESSIVE STRENGTH** | ASTM D695 | 12,000 psi |
| **TENSILE STRENGTH** | ASTM D638 | 3,900 psi |
| **ELONGATION** | ASTM D638 | 2.4% |
| **GLOSS INDEX @ 60°** | ASTM D112 | >70 |
| **ADHESION** | ASTM D7234 | 400 psi \| Concrete Failure |
| **ABRASION RESISTANCE**<br>CS-17 WHEEL, 1000G LOAD, 500 CYCLES | ASTM D4060 | 20 mg loss |

## CHEMICAL RESISTANCE

Refer to Floorguard Products Chemical Resistance Chart.

## REQUIREMENTS

- The substrate should have a compressive strength of at least 3,500 psi
- The substrate should have a Moisture Vapor Emission Rate (MVER) of less than 3 lbs per ASTM F1869 and a Relative Humidity (RH) below 80% per ASTM F2170. When using a Tramex concrete moisture meter, the moisture content should be under 4%
- The substrate should have a pH level in the range of 6 to 9.
- Concrete must be structurally sound and free of all contaminants and bond breakers.
- Concrete should be mechanically prepared and profiled to achieve a Concrete Surface Profile (CSP) between levels 2 and 4, in accordance with ICRI 310.2R
- Mask all perimeter areas to protect surfaces at coating terminations. Saw-cut and key all termination points as required.
- Ensure all depressions, divots, and cracks are properly profiled, cleaned of dust and contaminants, and repaired to prevent defects from showing through the coating.
- Preserve all dynamic joints, while static joints can be filled. When necessary, use dynamic joints as starting and ending points during the application process.
- Ambient and substrate temps should be above 30°F and a minimum of 5°F above Dew Point.
- Product temps should be between 70-80°F.
- Ambient relative humidity should not exceed 80% during coating application.

## PRECAUTIONS

- Refer to Safety Data Sheets (SDS) for safety precautions.
- Safety precautions must be followed during storage, handling, and use.
- Personal Protective Equipment (PPE) shall be worn at all times of the application process including but not limited to long sleeve shirts, safety glasses, nitrile gloves and properly fitted NIOSH respirators.
- All sources of ignition must be turned off, and the area should be properly and adequately ventilated during both the application and curing processes.
- The mixing area should be located on or near the project site and securely covered with plastic, cardboard, or a tarp to protect against drips and spills.
- Stage all materials, tools, and cleaning supplies in a shaded area—out of direct sunlight—within the mixing area before beginning the application process.
- Clean the mixing station and application tools after use with a VOC-exempt solvent. Always follow all legal, health, and safety guidelines when handling or storing solvents and materials, especially when working in confined spaces.
- Dispose of empty packaging and other waste in accordance with all applicable federal, state, provincial, and local regulations.

## MIXING PROCEDURE

1. Pre condition product to temperature between 70°-80°F for best results
2. Pre-Mix A-Component in its respective container using Jiffy mixer and drill at slow speeds for 30 seconds until thoroughly homogeneous
   - If field pigmenting clear using E-Poly Universal Colorants, add 8 oz pigment per gal (dark colors) or 10-12 oz pigment per gal (light colors) to A-Component and mix until color is uniform.
3. Pre-Mix B-Component in its respective container using clean Jiffy mixer and drill at slow speeds for 30 seconds or until thoroughly homogeneous.
4. Transfer A-component and B-component at a mix rate of 2A:1B by volume and mix for 2-3 minutes being sure to scrape sides of the bucket ensuring both components are thoroughly blended
   - Do not mix at high RPMs or air entrapment may occur
   - Do not pull mixing paddle in and out of the mix during process or air entrapment may occur

## COVERAGE RATES & WORKING TIMES

- Basecoat: 160 Ft² / Gal @ 10 Mils WFT
- Topcoat: 133 Ft² / Gal @ 12 Mils WFT

- 60-90 Minute Working Time @ 52°F
- 45-60 Minute Working Time @ 70°F
- 30-40 Minute Working Time @ 88°F

- Surface porosity, temperatures, and application method will cause coverage rate to vary.
- Ambient temps & humidity, product and surface temps, airflow and mix time affect overall working times

## APPLICATION PROCEDURE

1. Cut-in edges using a chip brush. Do not allow wet edges to stand more than 5 minutes ahead of application of main body of floor.
   - Only pour mixed material onto surface as needed
   - Be mindful of environmental variables and affects on estimated working time
2. Pour mixed material across the surface. Use 8-12 mil notched squeegee to gauge material across surface achieving desired thickness.
   - Do not flip bucket upside down and allow to sit on surface
   - Ensure you maintain a wet edge throughout application process
   - Follow recommended coverage rates and wet film thickness
3. Pre-wet 18” x 3/8” nap roller and back roll the surface wall to wall with 50% overlap. Back roll should be perpendicular to your first pass
   - Do not overwork material
   - Ensure back roll is always either wall to wall or joint to joint for a consistent finish
4. Allow coating to dry : 8-10 Hours @ 52°F
   5-7 Hours @ 70°F
   3-5 Hours @ 88°F
   - Do not force dry
   - Recoat: 5-12 Hours @ 75°F
   - Light Traffic: 12 Hours @ 75°F
   - Heavy Traffic: 24 Hours @ 75°F
   - Equipment Traffic: 48 Hours @ 75°F
   - Lower temps will further delay traffic time

## MAINTENANCE

Inspect the installed floor by spot-cleaning and repairing any damaged or cracked areas as needed. To extend the life of the flooring system, implementing a daily maintenance program is strongly recommended to help ensure the floor remains safe for its intended use.

## TECHNICAL SUPPORT

For questions, please contact a Floorguard Products representative. Additional support materials are available from Floorguard Products. Visit floorguardproducts.com or reach out to us directly for further resources.

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