

POLYGUARD 85™

*Tinted Solvent-Based Coating for
Concrete Floors and Other Surfaces*

- Solvent-base polyaspartic coating with high solids and low VOCs
- Hard-yet-flexible surface finish
- High temperature and traffic resistance
- Great chemical and stain resistance
- Excellent for full broadcast systems
- Very good adhesion to different substrates
- Excellent flow makes it easy to apply
- Super high-gloss finish



POLYGUARD 85™ BASE

Product Numbers: Gray - 149A-GRAY1G (1 Gal.),
Dark Gray - 149A-DARK1G (1 Gal.),
Tan - 149A-TAN1G (1 Gal.)

Product Description

Surfacelogix® PolyGuard 85 Base is a two-component, aliphatic, solvent-based polyaspartic system with high solids (86%). Use PolyGuard 85 on its own or with full broadcast system coatings (pigmented and chip-embedded) for a durable, non-cracking, chemical- and tire mark-resistant finish with a glossy, “wet look” appearance. Its UV protection allows for outdoors applications without yellowing. PolyGuard 85 is ideal for use in garages, restaurants, service areas, and many other surfaces and can also be used on countertops, wood, and laminates. PolyGuard 85 is available in a clear finish or three tinted finishes (tan, gray, and dark gray). Do not apply on pavers or very porous substrates. *For professional use only!*

How To Use

Before You Begin: Surfaces must be clean and free of any contaminants before application. PolyGuard 85's performance is directly related to how thoroughly the surface is prepared. New concrete should cure at least 28 days before applying. When applying directly on old concrete or coated surfaces, all cracks should be eliminated, and existing coating should be removed to provide proper surface profile. To remove existing coating, sand/grind surface thoroughly with 60 grit sandpaper or diamonds. Test product in an obscure area to ensure desired results for adhesion and finish.

If humidity or moisture is suspected to be present in the concrete floor, a suitable moisture vapor barrier (MVB) must be applied. If a moisture vapor barrier is not in place, seasonal variations in ground moisture can cause excessive moisture vapor transmission (MVT) which can cause problems to the coating application. Recommended MVT rate for the PolyGuard 85 must not exceed 3 lbs. per 1,000 sq. ft. per 24 hours. The relative humidity (RH) of the slab must not exceed 75%. If there is a moisture situation in excess of the above rate, the use of a MVB primer

like Surfacelogix® Rapid Cure MVB is recommended.

Mixing: Parts A and B of PolyGuard 85 Base must only be mixed together using a ratio of 2:1 (as purchased). Pour parts A and B into a clean, dry container and mix with a drill gently, avoiding creating air bubbles, for 3 minutes.

Applications: Apply at a spread rate of 150–200 sq. ft. per gal. to yield 6-10 wet film thickness using a squeegee and back-roll with a non-shedding 3/8" nap roller. A second coat may be desired. The second coat can follow after approximately 1 hour of dry time, depending upon weather and sun exposure. See technical data sheet for additional information.

For Full Broadcast Systems: Broadcast flakes on to the substrate immediately after base coat is applied. After 90 minutes, lightly scrape surface and use a broom or blower to remove excess flakes from the surface. Apply PolyGuard 85 Clear as a top coat. See Clear label for instructions.

Clean Up: Clean up equipment immediately after use with toluene, acetone, or xylene. Do not use alcohol or water. Follow solvent manufacturer's safety instructions. Use safety gear when handling solvents. Follow all local, state, and federal regulations when disposing of materials.

Additional Information

Coverage: 1 gallon covers 150 to 200 square feet per coat. Coverage will depend on surface porosity, and application method. Kit will cover approximately 450-600 sq/ft.

Packaging: Available as 3-quart and 3-gallon kits. Each kit includes 3 containers: 2 Part A & 1 Part B.

Storage & Shelf Life: Product must be kept in its original, unopened and tightly sealed container. Store in a dry and well ventilated place with controlled temperature (50°F to 90°F). Keep sheltered from weather and direct sunlight. In proper storage conditions, the product's shelf life is 12 months following production (see date on packaging).

Technical Data Sheet: Additional product information can be found on this product's technical data sheet (TDS). Scan the QR code to view the TDS.

