



800-956-4301

service@garageflooringllc.com

**GC-332
POLYESTER POLYURETHANE CLEAR
FAST CURE**

PRODUCT DESCRIPTION

GC-332 is a two component clear polyester aliphatic isocyanate polyurethane coating. GC-332 Clear is used as a fast curing clear topcoat for decorative floor systems. This high performing Chemical Resistant Urethane (C.R.U.) coating provides exceptional resistance to many chemicals. Also, GC-332 produces a tough, durable film with extreme abrasion and impact resistance. GC-332 is ideal for both industrial and commercial applications.

PRODUCT FEATURES

1. Quick turnaround time.
2. Excellent chemical resistance.
3. High gloss.
4. Excellent weather resistance.
5. Highly resistant to abrasion and impact.
6. Non-chalking and non-yellowing.
7. Extremely hard, yet flexible.
8. Outstanding "wearing" properties.
9. Easy to clean.
10. Top coat for decorative floors, toppings, and pigmented epoxy concrete coatings.

PRODUCT USES

GC-332 is ideal as a clear top coat for color quartz, vinyl/acrylic chip decorative floors, pigmented epoxy and polyurethane coatings, epoxy slurries/mortars, interior wood, brick and warehouse floor coatings. GC-332 is designed for application in factories, assembly plants, labs, institutions, garages, chemical processing plants, pulp and paper mills, power plants, dairies and many other facilities.

TECHNICAL DATA

COLORS: Clear

GLOSS: High gloss

VOLUME SOLIDS: 55 ± 2%

COVERAGE (Theoretical): 882 sq. Ft. @ 1.0 mil DFT

RECOMMENDED DRY FILM THICKNESS:
2-3 dry mils per coat at 290-440 sq. ft. per gal.

MIXING RATIO: 2:1 by volume
Mix 2 parts Base (Part A) to
1 part Hardener (Part B)

INDUCTON TIME: None

THINNING: Normally not required

CLEAN UP: MEK (Methyl ethyl ketone paint thinner)

POT LIFE @ 75°F: 1-1/2 hours

RECOAT TIME @ 75°F: 4 hours minimum; 24 hours maximum

APPLICATION: Lambswool applicator, short nap roller, brush, spray

APPLICATION TEMPERATURE: 50°F - 100°F

DRY SERVICE TEMPERATURE: 200°F

SHELF LIFE: 1 year

PACKAGING: 15 Gal. or 1.5 Gal. Units

V.O.C: 3.25 LBSGL (389 GMS/L)

MIXING INSTRUCTIONS

Stir each component to a uniform consistency. Do not vary proportions. GC-332 is prepared by mixing 2 parts BASE (Part A) to 1 part HARDENER (Part B) with a slow speed explosion proof variable speed drill with a Jiffy mixer. Be sure material is thoroughly mixed together. Thinning is normally not required.

APPLICATION PROCEDURE

GC-332 Clear Polyurethane is a top coat and is normally not recommended directly over unprimed surfaces. Apply over appropriate primers, intermediate coats, or decorative floors. Surfaces must be free from all oil, grease, water or other foreign matter. Surface should be dry and above 50°F and rising. Relative humidity should not exceed 85%. GC-332 is moisture sensitive during application and initial cure. Do not apply if surface temperature is within 5° of Dew Point. Not recommended on floors susceptible to hydrostatic pressure. Best methods of application are using lambs wool applicators or short nap rollers. GC-332 can be brushed by using pure Chinese bristle brushes. For rolling, use a 1/4" – 3/8" shed resistant phenolic core short nap cover. Roll in the same direction, always keeping a wet edge. Do not over roll product. For safety and proper curing, proper ventilation is necessary throughout application and cure. Any foodstuff and furnishings in the application area should be removed prior to application. When using pigmented Intermediate Coats, be sure the batch numbers are all the same to provide a uniform base color. GC-332 can be sprayed with an airless unit.

CURE TIME

<u>Temperature</u>	<u>Minimum Recoat</u>	<u>Maximum Recoat</u>	<u>Foot Traffic</u>	<u>Heavy/Vehicular Traffic</u>
90°F	3 Hours	12 Hours	3-4 Hours	16-24 Hours
75°F	4 Hours	16 Hours	5-6 Hours	24-36 Hours
50°F	8 Hours	24 Hours	12-16 Hours	36-48 Hours

CAUTIONS

GC-332 is flammable. Keep away from all sources of ignition during mixing, application and cure. Contains Aliphatic Polyisocyanates, N-Butyl Acetate, Xylene and PM Acetate. The HARDENER (Part B) and mixtures of BASE (Part A) with HARDENER (Part B) can cause eye and skin burns as well as allergic reactions. The use of goggles, fresh air masks or NIOSH approved respirators, protective skin cream and protective clothing is a recommended standard practice when spraying. This product is sold without warranty as to performance expressed or implied. Users are urged to make their own tests to determine the suitability for their particular conditions.

**SEE SAFETY DATA SHEET FOR FULL SAFETY PRECAUTIONS.
KEEP AWAY FROM CHILDREN.**

Rev. 10/2018