GacoPoly™

Product Data Sheet (PDS):

GacoPoly™ E-5320
Revised: 05/2026

GACOPOLY™ E-5320
2-PART EPOXY PRIMER

A. DESCRIPTION:

GacoPoly E-5320 is a two-component water-based epoxy primer.

B. RECOMMENDED USE:

This multi-purpose primer offers excellent adhesion to many surfaces, including metal flashings, existing elastomeric coatings, wood, and masonry. GacoPoly E-5320 Primer improves adhesion of GacoPoly decking and waterproofing coatings and membranes to approved substrates. Unreduced, GacoPoly E-5320 Primer can be used as a masonry block filler. GacoPoly E-5320 Primer can also be used as a repair mortar when combined with ordinary sand.

C. PACKAGED PRODUCT DATA:

PROPERTY	*DESCRIPTION*
COLOR	Part A: White Part B: Brown Part A & B Combined: Light Pink
CONSISTENCY	Part A is slurry with soft settling characteristics. Part B is a viscous liquid. When combined, the resulting product becomes a creamy, easy spreading mixture. When properly mixed and applied, GacoPoly E-5320 Primer should remain a translucent pink color in its cured state.
THEORETICAL COVERAGE	When thinned with 0.13-gal clean water / 1 gal of GacoPoly E-5320 Primer (Part A & B Combined) (0.5 L per 3.78 L) and applied to concrete (CSP 2-3), the coverage is 200 – 250 ft² / gal (18.6 to 23.2 m² / 3.8 L). When used unreduced as a block filler, the coverage is 70 – 100 ft² / gal (6.5 – 9.3 m² / 3.8 L). NOTE: Actual coverage may be less due to surface profile, losses due to overspray and wind, and residual coating left in the container.
SOLIDS	Weight: 60.5 % ASTM D1644 Volume: 44 % ASTM D2697
STORAGE STABILITY	Part A: Two (2) years from date of manufacture when stored in sealed containers between 50 °F – 80 °F (10 °C – 26 °C). Protect from freezing in shipment and storage. Part B: Two (2) years from date of manufacture when stored in sealed containers between 50 °F – 80 °F (10 °C – 26 °C). Protect from freezing in shipment and storage.
V.O.C.	< 100 g / L EPA Method 24
FLASH POINT	TOC > 200 °F (93 °C) ASTM D1310

D. APPLIED PHYSICAL PROPERTIES:

PROPERTY	*RESULT*
ADHESION	Excellent adhesion to most surfaces.
CHEMICAL RESISTANCE	Good solvent resistance and excellent alkali resistance.
WEATHERABILITY	Must be top-coated when used in exterior applications
HARDNESS	Cures to form a hard coating material.
TOXICITY	Part B contains a polyamide resin that is normally non-sensitizing; however, care should be taken to thoroughly clean with soap and water any skin areas that are contacted by GacoPoly E-5320 Primer. If you experience any difficulty breathing, leave the area to obtain fresh air. If difficulty continues, seek medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and seek medical attention; for skin, wash thoroughly with soap and water. During application, the use of chemical protective clothing and gloves is recommended. A properly fitted respirator (NIOSH/MSHA approved) is recommended during spray application.

E. APPLICATION:

STEP	*INSTRUCTIONS*
THINNING	Thinning is not normally required for roller application. When thinning is necessary to extend pot life for spraying, for application at cool temperatures, or to achieve recommended application rates, thin combined material 10% – 20% with clean water and mix thoroughly. NOTE: Do not thin more than 20%.
MIXING	GacoPoly E-5320 Primer is a two-component material. Equal parts by volume of Part A and Part B must be properly combined per the following directions prior to application: 1. Mix Part A well for 3 – 5 minutes. Mix Part B for 3 – 5 minutes. 2. Pour Part B into a clean, empty pail. Pour Part A into the same pail. It will sink. 3. Mix both together for 3 – 5 minutes. Mixture will appear thin and light pink in color. Power mixing is recommended when combining more than 1 gal (3.8 L) each of Part A and Part B.
POT LIFE	Pot life after mixing is 1.5 hours at 75 °F (24 °C). The pot life will double at 55 °F (13 °C) and at 100 °F (38 °C), pot life is reduced to approx. 45 minutes.
APPLICATION	Product may be applied by brush, roller, or spray. On smooth surfaces, use a 1/4 – 3/8 in (6 – 10 mm) nap roller or nylon brush. If blow holes form as the primer dries, make a second pass with a relatively dry roller; allow 5 – 10 minutes between passes. Contact Technical Services for application utilizing equipment. Do not apply to surfaces that are below 50 °F (10 °C). 1. **CONCRETE:** Apply one coat (Thinned with 0.13-gal clean water) at a rate of 1 gal / 200-250 ft² (3.78 L / 27.8 m²) for a DFT of 2.5-3.5 mils. 2. **METAL FLASHING:** Apply one coat at a rate of (Thinned with 0.13-gal clean water) at a rate of 1 gal / 300 ft² (3.78 L / 27.8 m²) for a DFT of 2-3 mils.

	3. **BLOCK FILLER:** (Unreduced) Apply one coat at a rate of 1 gal / 70 – 100 ft² / gal (6.5 – 9.3 m² / 3.8 L) for a DFT of 7-10 mils. NOTE: For all applicable substrate types, application rate is job-specific. Additional material may be required to meet minimum DFT requirement.
DRY TIME	Allow GacoPoly E-5320 Primer to dry for a minimum of 4-6 hours before applying a GacoPoly coating. Dry time is dependent upon temperature and humidity. Apply GacoPoly topcoat within 48 hours. If GacoPoly E-5320 Primer is exposed for greater than 48 hours, please contact Technical Services for assistance. NOTE: Where maximum solvent resistance is needed, apply two coats of GacoPoly E-5320 Primer a minimum of two hours apart and allow to cure for 48 hours (at a daily maximum temperature of 70 °F (21 °C) or higher). For 60 °F (16 °C) days, allow up to one week. Full dry time may be longer when there is poor air ventilation such as in tanks or enclosed reservoirs
CLEAN UP	Clean brushes and rollers with soap and water; a small amount of vinegar may be added to make clean up easier. Late in the pot life or in hot weather, clean-up is impractical and brushes and rollers should be disposed of. Clean spray equipment with water supplemented with a small amount of vinegar and recirculate through lines and gun until residual coating is removed

** For specific Health and Safety information please refer to applicable Safety Data Sheet (SDS)*