

Gaco Western

S I N C E 1 9 5 5

Product Data Sheet:

GacoFlex E-5320

March 2017

Supersedes 5/15

GACOFLEX® E5320 2-PART EPOXY PRIMER/FILLER

DESCRIPTION:	GacoFlex E5320 is a two-component water-based epoxy.
USAGE:	This multi-purpose primer offers excellent adhesion to most surfaces including metal roofs, metal flashing, other coatings, wood, masonry, single-ply membranes and more. It improves adhesion of GacoFlex Silicone Coatings, other top coats, and spray polyurethane foams. On asphalt-based surfaces it may help prevent bleed-through; when top coated it will help prevent corrosion. It can also be used as a masonry block filler when combined with ordinary sand.
COLOR:	Part A is white. Part B is brown. The combined product is 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.

APPLIED PRODUCT DATA

WEATHERABILITY:	Must be top-coated when used in exterior applications.
CHEMICAL RESISTANCE:	Good solvent resistance and excellent alkali resistance.
HARDNESS:	Cures to form a hard coating material.
ADHESION:	Excellent adhesion to most surfaces. Most coatings and spray polyurethane foams have excellent adhesion to cured GacoFlex E5320.

PACKAGED PRODUCT DATA

THEORETICAL COVERAGE:	When used unreduced as a block filler, the coverage is 70-100 sq. ft. per gallon (6.5 to 9.3 m ² / 3.78 L). When reduced with one pint of water per gallon (0.5 L per 3.78L) of mixed GacoFlex E5320 and applied to smooth concrete, the coverage is 200-250 sq. ft. per gallon (18.6 to 23.2m ² /3.78 L).
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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% Volume: 44%
VOC:	<100g/l (Part A and B Combined)
FLASH POINT:	TOC >200°F (93°C).
STORAGE STABILITY:	Uncombined Material: One year 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.

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APPLICATION

- MIXING:** GacoFlex E5320 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: Mix Part A well for 3-5 minutes. Mix Part B for 3-5 minutes. Pour Part B into a clean, empty pail. Pour Part A into the same pail. It will sink. Mix both together for 3-5 minutes. Mixture will appear thin and light pink in color. Power mixing is recommended when combining more than one gallon (3.79 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), however at 100°F (38°C) pot life is reduced to 45 minutes.
- 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 with 10%-20% clean water and mix thoroughly. Do not thin more than 20%.
- APPLICATION:** Product may be applied by brush, roller or spray. On smooth surfaces, use a 1/4" to 3/8" nap roller or nylon brush. When applying E5320 as block filler for porous concrete, use a 1" to 1-1/4" nap roller. If blow holes form as the primer dries, make a second pass with a relatively dry roller; allow 5 to 10 minutes between passes. Contact Gaco Western for application utilizing equipment. Do not apply to surfaces which are below 50°F (10°C).
- On single ply membrane roofs, apply one coat at the rate of 1 gallon per 500 sq. ft. (combined material will need to be thinned 10%-20% with water to achieve this spread rate).
 - On metal, apply one coat at the rate of 1 gallon per 300 sq. ft.
 - On asphalt-based surfaces including smooth cap sheet, apply 2 separate coats of 1 gallon per 250 sq. ft. For granulated surfaces, apply 2 separate coats of 1 gallon per 200 sq. ft.
- NOTE:** Application rate is job-specific. Additional material may be required.
- DRY TIME:** Allow the first coat to dry for a minimum of 2 hours before application of the second coat. Allow to dry a minimum of 6 hours before application of top coat. Dry time is dependent upon temperature and humidity.
- Note:** Where maximum solvent resistance is needed, apply two coats a minimum of two hours apart. Let cure for two days with a daily maximum temperature of 70°F (21°C) or higher. For 60°F (16°C) days, allow one week. Full cure and dry time can be longer when there is poor air ventilation such as in tanks or enclosed reservoirs.
- APPLICATION OF TOP COATS:** GacoFlex Silicone Coatings, as well as most other coatings and spray polyurethane foams, will adhere well to cured E5320 films up to one week old, provided the surface is clean, dry and free of chalk. Note: Neoprene should not be applied directly to GacoFlex E5320 until it has cured overnight.
- 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.
- 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 GacoFlex E5320. 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.
- FLAMMABILITY:** Non-Flammable

For specific Safety and Health information please refer to Material Safety Data Sheet.

