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# GACO WESTERN

## *Product Data Sheet:*

**E-5320**

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Supersedes 10/05

### **GACOFLEX E-5320 TWO COMPONENT EPOXY**

- DESCRIPTION:** GacoFlex E-5320 is a two component water based epoxy.
- USAGE:** A general purpose primer which may also be used as a masonry block filler. It adheres well to metals, polymeric coatings, wood, masonry and vitreous surfaces.
- COLOR:** Part A is white. Part B is brown. The combined product is light tan.
- CONSISTENCY:** Part A is slurry with soft settling characteristics. Part B is a viscous liquid. When combined, the resulting product becomes a thixotropic easy spreading suspension.

#### **APPLIED PRODUCT DATA**

- WEATHERABILITY:** Not intended for continuous exterior use.
- CHEMICAL RESISTANCE:** Good solvent, fair acid, excellent alkali resistance.
- HARDNESS:** Cures to form a hard coating material. However, approximately 7 days at 60°F to 80°F (16°C to 27°C) is required to achieve maximum hardness.
- FLAMMABILITY:** Non flammable.
- TOXICITY:** Part B contains a polyamide resin which is non-sensitizing; however, care should be taken to thoroughly clean with soap and water any skin areas that are contacted by GacoFlex E-5320. Undiluted vinegar is very effective in neutralizing coating that contacts the skin. If the coating should get in the eye, flush with water and call a physician.
- Use a particulate matter respirator to avoid inhalation of paint particles when spraying.
- ADHESION:** Excellent adhesion to most surfaces. Most coating materials have excellent adhesion to GacoFlex E-5320.

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### PACKAGED PRODUCT DATA

COVERAGE:	When used unreduced as a block filler, the coverage is one gallon per 70 to 100 square feet (3.78 L / 6.5 to 9.3m <sup>2</sup> ). When reduced one pint (.47 L) of water per gallon (.5 L per 3.78L) of mixed GacoFlex E-5320 and applied to smooth concrete, the coverage is one gallon per 200 to 250 square feet (3.78 L / 18.6 to 23.2m <sup>2</sup> ).
SOLIDS:	Weight: 60.5% Volume: 44%
V.O.C.	<98.4 grams per liter
FLASH POINT:	Above 200°F (93°C). T.O.C.
STORAGE STABILITY:	One year. Protect from freezing in shipment and storage.
THINNING:	Thin with water. Clean up with water supplemented with soap or a small quantity of vinegar. GacoFlex T-5130 thinner is recommended for both cleaning and drying spray equipment to avoid corrosion.

### APPLICATION

MIXING INSTRUCTIONS:	Mix one volume of Part A with one volume of Part B. Mix thoroughly. Power mixing recommended for quantities over two gallons (7.57 L).
POT LIFE:	The pot life is 1.5 hours at 75°F (24°C). Pot life at 55°F (13°C) is doubled, but at 100°F (38°C) it is reduced to 45 minutes.
PRIMER APPLICATION:	<p>Use long nap (1" to 1 ¼" (2.54 to 3.18cm)) rollers when GacoFlex E-5320 is used as a block filler for porous concrete. If blow holes form as the primer dries, make a second pass with a relatively dry roller. Allow 5 to 10 minutes between passes.</p> <p>For application to smooth surfaces, add one pint (.47 L) of water per gallon of E-5320. Use a ½" or ¾" (1.27 cm to 1.90 cm) nap roller or nylon brush.</p> <p>Do NOT apply to surfaces which are below 50°F (10°C) or above 110°F (43°C) unless special instructions are secured from Gaco Western.</p>
APPLICATION OF TOP COATS:	Polyurethane and Hypalon coating can be applied over GacoFlex E-5320 as soon as it is thoroughly dry. This degree of dryness is normally achieved in three hours. Neoprene should not be applied directly to GacoFlex E-5320 until it has cured overnight. 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. All GacoFlex elastomers and most commercial paint will adhere well to cured GacoFlex E-5320 films up to one month old, provided that the surface is clean and free of chalk.