



(2-E-P) 2 Component Epoxy Primer

DESCRIPTION

A general purpose primer which may also be used as a masonry block filler. Do not use on copper or silver. Usage in the food processing industry is approved for contact with dry food products. **SPEC Technologies Inc. 2-E-P** meets the requirements of the U.S Department of Agriculture for incidental contact with meat and poultry products. 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 reddish brown.

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 lusterless coating material. However, approximately 7 days at 60°F to 80°F (16°C to 27°C) is required to achieve maximum hardness.

FLAMMABILITY

- Part A Non flammable.
- Part B is combustible

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 **2-E-P**. 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..

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 9.3m²). When reduced one pint (.47 L) of water per gallon (.5 L per 3.78L) of mixed 2-E-P and applied to smooth concrete, the coverage is one gallon per 200 to 250 square feet (3.78 L / 18.6 to 23.2m²).

SOLIDS

- Weight: 60.0%
- Volume: 42.5%

V.O.C.

- 80.0 grams per liter contained in Part B

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

APPLICATION

MIXING INSTRUCTIONS

1:1

Mix 9 Parts volume of Part A with 1 volume of Part B. Mix thoroughly. Power mixing recommended for quantities over two gallons (7.57 L).

POT LIFE

The pot life is 3-4 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

Use long nap (1" to 1 ¼" (2.54 to 3.18cm)) rollers when **SPECTech** 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. For application to smooth surfaces, add one pint of water per gallon of 2-E-P Use a ½" or ¾" (1.27 cm to 1.90 cm) nap roller or nylon brush. Do NOT apply to surfaces which are below 50°F (10°C) or above 110°F (43°C) unless special instructions are secured from **SPEC Technologies Inc.**

APPLICATION OF TOP COATS

Most **SPECTech** polymers can be applied over **2-E-P** as soon as it is thoroughly dry. This degree of dryness is normally achieved in three hours..

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