



# (1-U-P) 1 Component Urethane Primer / Sealer

## DESCRIPTION

**SpecTech 1-U-P** is a single component moisture cured polyurethane.

### USAGE

Intended for use as a sealer to be applied directly to concrete, wood, aluminum and epoxy primer. It is also suitable for use as a tie coat over weathered polymeric application of SpecTech coating systems.

### CONSISTENCY

30 to 50 cps.

### COLOR

Transparent amber-brown.

### APPLIED PRODUCT DATA

#### HARDNESS

Forms a tough, resilient, abrasion-resistant film.

#### WATER VAPOR PERMEABILITY

Cures to form a solvent vapor resistant film.

#### WEATHERABILITY

Poor. Do not expose to strong sunlight for more than two weeks.

#### CHEMICAL RESISTANCE

Good solvent, acid, alkali and salt resistance. Does not have inhibitive properties.

#### V.O.C.

97.4 grams per liter / .81.25 lbs per gallon

#### PRODUCT DATA

#### COVERAGE

300-400 sq. ft. per gallon per mil (37.2 m<sup>2</sup> / L / .02 mm). Coverage on rough or porous surfaces may be as low as 100 sq. ft. per gallon (9.3 m<sup>2</sup> / L / .02 mm) and on smooth surfaces up to 400 sq. ft. per gallon (37.2 m<sup>2</sup> / L / .02 mm).

#### SOLIDS

- Weight: 22.6%
- Volume: 29.5%

#### FLASH POINT

- ASTM D-56
- 22°F (-6°C) T.C.C.

#### FLAMMABILITY

The dry film will support combustion unless applied to a non-flammable substrate. Fire rated systems (ASTM E-108 or UL 790) are not affected when specified amount of coatings are applied over GacoFlex U-5677.

#### STORAGE STABILITY

One year in original unopened containers. Material may gel if not kept tightly sealed or if exposed to moisture. Normally, containers should be used up on a job or within one week after originally opened.

#### TOXICITY

Contains solvents which require ventilation during application. Contains less than 2% polymeric isocyanate which may be irritating to the skin and is toxic if inhaled as particulate matter.

Any material contacting the skin should be neutralized by washing with generous quantities of water. Spray application can lead to inhalation of particulate matter; consequently, a respirator is required for spray application.

#### ADHESION

Excellent adhesion to metals, wood, concrete, masonry and most coating and plastic materials.

#### CLEANER

Clean equipment with Xylol thinner and cleaner.

#### APPLICATION

Apply a uniform wet coat using a medium nap roller. Do not puddle. **1-U-P** can be sprayed using conventional equipment but the applicator must take precautions against inhalation of particulate matter. Use of a proper respirator is necessary. Do not heat **1-U-P** before or during spray application. Additional coats may be applied as soon as the previous coat is firm, and preferably, within eight hours. After 24 hours inter-coat adhesion can be poor.

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