

# XIM SPECIFICATION NO. 1006

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## PRIMING AND SEALING MASONRY

### APPLICABLE SURFACES:

Poured Concrete, Pre-Cast /Tilt-Up, Cement/Cinder Block, Brick, Chattahoochee, Stone, Plaster and Stucco.

### BACKGROUND:

Masonry in its many forms and shapes is one of the more durable building materials and art forms. The masonry may be poured, cast or tooled into shape. Most of the industrial uses are poured into forms and are usually required to cure for 28 days. Raw or fresh concrete usually measures a pH in excess of 9 which is the reason for a primer or coating to be an Acrylic, Urethane, or Epoxy as opposed to an Oil/Alkyd type.

### PRODUCTS:

#### Primers:

- Advanced Technology UMA brand<sup>®</sup> White Water Based Bonding Primer (Product No. 1105)
- Advanced Technology UMA brand<sup>®</sup> Tintable Water Based Bonding Primer (Product No. 1106)
- X-Out Plus Latex Stain Sealer (Product No. 1127)
- 601 Clear Water Reduced Masonry Sealer (Product No. 1133)

#### Top Coat Paints:

- Interior/Exterior - Oil Alkyd or Latex
- Epoxy & Urethanes (where compatible with the primer)

### SURFACE PREPARATION:

In general, the key requirement is "clean". Where forms are used, release compounds are used to save the form. A deposit of release material ranges from wheel grease to animal fat, to silicone compounds must be removed before any coating is applied. Acid etching is recommended to prepare a smooth concrete surface to help create a coarse (flat) surface for sealing or coating. \* Be careful of cleaners that leave a residue.

### APPLICATION:

Application of the paints can be with any good system considering the number of different forms to be coated. The largest variations are density, porosity and shape. The sealer or coating can be a variety of viscosities.

### CONSIDERATIONS:

Some of the restrictions in the use of masonry are: Temperature (water=freezing), Weight, Shaping, Cure time and Transportability.

### OTHER:

It is strongly recommended that a STA (Standard Test Area) be done. The STA must include the exact type and degree of cleaning, dulling, priming and painting that is intended for the entire job