



# **BASECOAT**

## ***Polymerized Underlayment***

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### PRODUCT DESCRIPTION

*InCide Technologies Basecoat* is a dry blend polymerized adhesive and base coat. It is supplied in 50 lb bags and when mixed with water at the job site, produces a high performance, easily applied adhesive and base coat.

This basecoat will increase the coverage of the topcoat by sealing the porous surface of stucco or other substrates enabling the coating to be spread farther. *InCide Technologies Basecoat* will block efflorescence and seal a surface that is currently chalking when applied according to the manufacturer's instructions. One coat and three coat stucco systems must be cured for a minimum of 7 days and concrete must cure for a minimum of 28 days.

- Alkali Resistant
- Easily Applied
- Excellent Dry Time
- Low Odor
- Excellent Durability
- Excellent Weatherability

#### **PHYSICAL PROPERTIES:**

**Working Time** - After mixing the working time of *InCide Technologies Basecoat* is approximately 1-3 hours depending on ambient weather conditions.

**Drying Time** - Drying of *InCide Technologies Basecoat* is dependent on the air temperature and relative humidity. Under average drying conditions (70° F, 55% R.H.) protect work from rain at least 24 hours.

**Water Vapor Transmission** - (ASTM E 96) - *InCide Technologies Basecoat* is permeable to water vapor.

**Bond Strength** - Exceeds the cohesive strength of almost all cementitious substrates.

**Flame Resistance** - (ASTM E 84) Class I, Flame spread < 25.

#### **APPLICATION PROCEDURES:**

**Job Conditions** - Air and Surface temperature for application of *InCide Technologies Basecoat* must be 40° F or higher and must remain so for a minimum of 24 hours.

**Temporary Protection** - Shall be provided at all times until base coat, finish and permanent flashings, sealants, etc. are completed to protect the wall from weather and other damage.

**Substrate preparation** - Application is to *InCide Technologies* approved substrates. Typically these include clean masonry, concrete, block and brick surfaces that must be flat within ¼ inch in any 4 foot radius.

**Surface Preparation** - Surfaces must not be below 40° F and must be clean, dry, structurally sound, and free of efflorescence, grease, oil, form release agents and curing compounds.

**Mixing** - One bag of *InCide Technologies Basecoat* will produce approximately 5 gal of mixture. To a clean 5 gal pail; add 1 ½ gal of clean potable water. Add the *InCide Technologies Basecoat* slowly while constantly mixing with a Jiffler Mixer at 450-500 rpm. Thoroughly mix until uniformly wetted, adjusting consistency with a small amount of water or *InCide Technologies Basecoat*. Let set for 5 minutes. Retemper, adding a small amount of water if necessary. Material must be free of lumps before using. *InCide Technologies Basecoat* can also be mixed in a mortar mixer by first adding 1- 1½ gal of water for each 50 lb bag. Add the *InCide Technologies Basecoat* while the mixer is running. Let mix 3-5 minutes, shut mixer off for 5 minutes, run mixer for another 2-3 minutes to break set and add a small amount of water if necessary. The pot life is 1-3 hours depending on weather. Small amounts of water can be added during this period to adjust workability.

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#### **APPLICATION:**

For basecoat application, apply with a steel trowel to a minimum depth of 1/8 inch 3/8 inch if necessary to achieve a level surface. Two coats may be necessary to achieve a smooth and level surface in some areas.

**Clean Up** - Clean tools with water while *InCide Technologies Basecoat* is still wet.

**Storage** - *InCide Technologies Basecoat* bags must be protected from moisture. In hot weather, the bags should be stored in a cool, dry location out of direct sunlight. If the *InCide Technologies Basecoat* is warm or hot, the pot life of the mixture will be greatly reduced. The shelf life is 1 year from date of manufacture when properly stored in unopened bags.

#### **Cautions and Limitations**

Clean potable water may be added to adjust workability. **Do not over water.**

Use *InCide Technologies Basecoat* only when substrate and air temperatures will be above 40° F for 24 hours.

Avoid working in direct sunlight and keep mixed *InCide Technologies Basecoat* in the shade.

#### **Technical and Field Services**

Available upon request.

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