



# ASTEC #101 Accelerator

1/30/04

## PRODUCT DESCRIPTION

ASTEC #101 Accelerator is a prepolymer designed to enhance drying time of ASTEC WPM #10, ASTEC #2000 Finish Coat and ASTEC #2000 Fibered Finish Coat.

## COMPOSITION

ASTEC #101 Accelerator is a modified diphenylmethane diisocyanate and is pale yellow in color.

## BASIC USE

To enhance set up and dry time of other ASTEC products.

## DURABILITY

ASTEC #101 Accelerator is specified as an enhancement for ASTEC products; therefore, it's anticipated 10-year durability is linked to the ASTEC System surface integrity.

## SURFACE

### PREPARATION

Surfaces must be dry, clean and free from oil and grease. Remove loose particles, efflorescence and other foreign materials by pressure washing or other effective means. Remove mildew with a solution of household bleach (1 part bleach to 3 parts water). After 30 minutes to 1 hour rinse thoroughly with water.

## APPLICATION PREPARATION

ASTEC #101 Accelerator is added to ASTEC WPM # 10, ASTEC #2000 Finish Coat, or ASTEC #2000 Fibered Finish Coat at a rate of 1 ounce (or less) per gallon. Mix thoroughly with a paddle mixer for 2-3 minutes. Care should be taken not to mix more material than can be applied in 30-45 minutes. Set up and dry time is determined by amount of accelerator added to the products plus other factors, such as temperature and

humidity. **Caution: The addition of more than the recommended amount of this product (1 ounce per gallon or less) to ASTEC WPM #10, ASTEC #2000 Finish Coat or ASTEC #2000 Fibered Finish Coat may cause "Yellowing" of the finish product.**

## PERSONAL PROTECTION

When handling or mixing ASTEC #101 Accelerator, the applicator should wear chemical resistant gloves, eye protection, and a chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact.

## MAINTENANCE

Because it is an enhancement to other ASTEC products, ASTEC #101 Accelerator has no specific maintenance requirements.

## PACKAGING

Product is packaged in 32 ounce containers.

## STORAGE

With proper storage, the shelf life of ASTEC #101 Accelerator is 6 months. Air temperature of storage area shall be maintained between 60°F to 110°F.

**CAUTION: Exposure of this product to moisture or water**

**can result in pressure buildup inside closed containers. Extreme care must be taken to assure containers remain dry and tightly sealed. Containers that have been contaminated with moisture should not be sealed as a hazardous increase in pressure may result.**

## WARRANTY

The technical data furnished herein is true and accurate to the best of our knowledge. However, no guarantee of accuracy is given or implied. ICC guarantees its products as to the quality control procedures used in their manufacture as of the date of sale. Specific warranties are available through ICC's Technical Services Department.

### QUICK FACTS

|                              |                    |
|------------------------------|--------------------|
| Appearance                   | Pale Yellow        |
| Mixing Ratio: Not More Than  | 1 ounce per Gallon |
| NCO Content %                | 9.2                |
| Vapor Pressure @ 25°C        | <0.0001            |
| Flash Point                  | >110°C/>230°F      |
| Viscosity @ 25°C/77°F,cps    | 2700               |
| Percent Volatility           | 87 to 89%          |
| Isocyanate Equivalent Weight | 457                |
| Specific Gravity @ 25°C/77°F | 1.1092             |