



## 50 Retarder

### GUIDE DESCRIPTION

The 50 Retarder increases the pot-life of the 5073, 5100, 5108, 5197, and 5205 series systems correspondingly. Under conditions of higher temperatures, they enable the user to complete an installation without the expected lower pot-life from hot and humid conditions.

### PRODUCT DESCRIPTION

50 Retarder is an additive designed for use at higher temperatures with the 5073, 5100, 5108, 5197, and 5205 systems. It greatly reduces the viscosity during the cure of these systems, increasing pot-life, but not increasing dry time.

### USAGE RATES AND PACKAGING

	<b>Recommended Quantity</b>	<b>Packaging</b>
<b>5100, 5108, 5197, 5073</b>		
90 – 45 degrees F	1 Unit per 2 gallons	½ pint cans
90 – 45 degrees F	2 Units per 5 gallons	½ pint cans
90 – 45 degrees F	5 Units per 10 gallons	½ pint cans
<b>5205</b>		
90 – 45 degrees F	1 Unit per 1.5 gallons	½ pint cans
90 – 45 degrees F	7 Units per 15 gallons	½ pint cans

### CONDITIONS FOR USE

#### *Material Storage*

The material to be applied must be kept at a room temperature of 70 degrees prior to installation in order to facilitate a timely cure in thin film.

#### *Mixing*

Add the retarder to the A-Component prior to mixing both components of products. Pour the entire amount of retarder into the A-Component and mix for 1-2 minutes using the same mixing method as listed in the product install guide.

**Ambient Temperature Note:** *In order to fully utilize the effectiveness of the retarder and achieve a more rapid turn around time, it is advised to keep the components as close to ambient temperature of approximately 65 to 70 degrees F prior to the installation.*

#### *Clean-Up*

Clean up tools and splatter with lacquer thinner. Clean hands and exposed skin with a citrus-based hand cleaner.

#### *Cure Times*

Typical cure times of the systems with or without the 50 retarder will be the same. The 50 retarder will only effect the pot-life, not the dry time.

### ADDITIONAL CAUTIONS

- Shut off all sources of ignition prior to work, and throughout the sealing process.
- Supply auxiliary ventilation as necessary to produce a safe working environment.
- Use a NIOSH approved respirator capable of filtering organic vapors.
- Do not over accelerate the cure of a primer or bond coat as it may affect adhesion
- Cure rates will vary depending on temperature and relative humidity
- Mask all areas that need protection
- Always wear protective clothing and equipment as required by OSHA and as necessary
- Read Material Safety Data Sheets before commencing work
- Store material at 60-70°F to prevent shortened pot-life due to excessive heat