41,48,50 & 53 Accelerator

GUIDE DESCRIPTION

The 41, 48, 50 & 53 Accelerators speed the cure of the 4100, 4800, (5000 & 5200) and 5300 series systems correspondingly. Under conditions of lower temperatures, they enable the user to complete an installation without the expected delays from colder conditions. They can also be used in circumstances where there is limited shut down capacity to facilitate the specified duration of down time intended before use.

PRODUCT DESCRIPTION

41 Epoxy Accelerator is an additive designed for use at lower temperatures with the 4100, 4150 and 4195 systems. It greatly increases the cure rate of these systems, reducing both pot life and dry time.

48 Epoxy Accelerator is an additive to be used with the 4800, both pigmented and clear. It is intended for low temperature applications as well as conditions requiring earlier use than the physical properties of the coating could have developed under ambient conditions.

50 Polyurea 50 Accelerator is an additive designed for use at lower temperatures with the 5000 Polyurea series and 5200 Hybrid systems. It greatly increases the cure rate of these systems, reducing both pot life and dry time.

53 Urethane Accelerator is an additive designed for use at lower temperatures with the 5310, 5325 and 5340 systems. It greatly increases the cure rate of these systems, reducing both pot life and dry time.

USAGE RATES AND PACKAGING

5010, 5073, 5205 & 5210	**Recommended Quantity**	**Packaging**
60 – 45 degrees F	1/4 of One 50 Accelerator per gallon	½ pint cans
45 – 37 degrees F	1/2 of One 50 Accelerator per gallon	½ pint cans
37 – 20 degrees F	3/4 of One 50 Accelerator per gallon	½ pint cans
4100, 4150 & 4195		
60 – 45 degrees F	One to Two 41 Accelerators per gal of epoxy	½ pint cans
45 – 37 degrees F	Two 41 Accelerators per gal of epoxy	½ pint cans
4800		
60 – 45 degrees F	One 48 Accelerator per gal of epoxy	½ pint cans
45 – 37 degrees F	Two 48 Accelerators per gal of epoxy	½ pint cans
5325 and 5340		
60 – 45 degrees F	One 53 Accelerator per 2 gal of Urethane	½ pint cans
45 – 37 degrees F	Two 53 Accelerators per 2 gal of Urethane	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 appropriate accelerator into their appropriate components:

41 & 48 Accelerators: Add to the B-Component and mix thoroughly for 2 minutes prior to mixing in the A-Component

50 & 53 Accelerators: Add to the A-Component and mix thoroughly for 2 minutes prior to mixing in the B-Component

After the A-Component, B-Component, and Accelerator has been added, mix thoroughly for 2 minutes as stated in their respective Installation Guides. The pot-life of the material is reduced at 70· F, do not use at warm temperatures. Do not mix more material than can be used within the expected pot-life.

Ambient Temperature Note: *In order to fully utilize the effectiveness of the accelerator and achieve a more rapid turnaround 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
Cure rate will vary according to temperature and the quantity of accelerator used. Consult a technical representative for specific applications.

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