

**PRODUCT DESCRIPTION**

Versatile Building Products 41, 48, 50 & 53 Accelerators speed the cure of the 4100, 4800, 5073, 5085 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.

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 series pf Polyurea & Polyaspartics as well as the 5205 Hybrid system. 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**

**RECOMMENDED COVERAGE RATES**

	Recommended Quantity	Packaging
<b>5010, 5073, 5205</b>		
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
<b>4100, 4150 &amp; 4195</b>		
60 – 45 degrees F	One to Two 41 Accelerators per gal of epoxy	½ pint & 1 Gal cans
45 – 37 degrees F	Two 41 Accelerators per gal of epoxy	½ pint & 1 Gal cans
<b>4800</b>		
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
<b>5325 and 5340</b>		
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**

**Concrete**

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, 50 & 53 Accelerator Installation Guide**

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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

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### **ADDITIONAL CAUTIONS AND RECOMENDATIONS**

- Supply auxiliary ventilation as necessary to produce a safe working environment.
- Do not over accelerate any component as it may affect adhesion to substrate or cause imperfections in topcoat
- Cure rates will vary depending on temperature and relative humidity
- Using more than 2 cans of accelerator per gallon may result in excess amine which may result in yellowing, lack of full cure or defects in the subsequent topcoat
- Mask all areas that need protection
- Store material at 60-70°F to prevent shortened pot-life due to excessive heat
- Always wear protective clothing, gloves and equipment as required by OSHA and as necessary.
- Turn off all sources of ignition and follow safety guidelines listed in product sections.
- Have all personnel who come in contact with liquids read The Versatile EPOXY, URETHANE, AND POLYASPARTIC 2K SAFETY GUIDE and Material Safety Data Sheets before commencing work.

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### **TECHNICAL SERVICES**

- Technical services can be obtained by contacting Versatile Building Products directly at 714-829-2600.