

## **ACCELERA EXT**

**IMPORTANT!** Read these instructions carefully several days prior to starting your work. Seek answers to any questions you may have before you begin. DUR-A-FLEX, Inc. maintains a Technical Staff that will be glad to answer your questions and give you advice pertaining to your particular installation.

### **PRODUCT OVERVIEW**

ACCELERA EXT is a low-odor resin and hardener. ACCELERA EXT is available clear or pre-pigmented.

### **SURFACE PREPARATION**

Surface should be profiled, clean, dry, oil free and sound. Shot Blasting is the preferred preparation method. Please refer to the master Surface Preparation Guide for more information. Never feather edge ACCELERA EXT - always terminate in a keyway groove at doorways, drains and exposed edges.

### **MOISTURE CONCERNS**

Please refer to the Floor Evaluation Guidelines in the Contractor's Center of our website for a step-by-step process to determine the condition of the concrete.

### **MIXING AREA**

Select a convenient mix area and protect the surface from spillage by covering with a sheet of plastic and a layer of cardboard. Be generous with the amount of space allocated for this function. The more comfortably your mixer works, the less likely you are to have a "mix error". Please refer to our Mix Station video on our website for more information.

### **STORAGE CONDITIONS**

ACCELERA EXT resin and hardener must be stored dry. Do not allow resins to freeze. The shelf life is hardener: 6 months; resin: 12 months - from the date of manufacture in the original unopened container. Products must be stored in temperatures no less than 60°F and no greater than 85°F.

### **JOINT GUIDELINES**

Refer to the Joint Guidelines on our website for complete details.

### **APPLICATION METHOD**

Proper planning is essential for satisfactory appearance of the finished floor. Lay out installation in sections to allow full width to be finished in 5 minutes or less (@70°F / 50% RH).

NOTE: This product is best suited for application in temperatures between 60°F and 85°F and jobsite relative humidity is between 30% and 65%. Application of ACCELERA EXT where jobsite relative humidity is less than 30% is NOT recommended.

NOTE: Cooler temperatures will increase cure time – plan accordingly.

NOTE: Normal recoat window is 16 hours (@70°F / 50% RH). If recoating between 16 and 24 hours ACCELERA EXT can be sanded and recoated. Beyond 24 hours use ACCELERA EXT with ACCELERA BP additive. (Refer to ACCELERA BP Product Data Sheet for more details.)

NOTE: For each application of material and before mixing, mark your batches to ensure you achieve your spread rate targets. This is best accomplished by dividing your target spread rate by the width of the area being coated (or your planned wet edge). Example: If your

spread rate is 100 square feet and your area is 20 feet wide you would make a mark every 5 feet (100 divided by 20 = 5).

**NOTE: Recoat window starts from the time the products are mixed.**

### **MANPOWER REQUIREMENTS (@70 F and 50% RH)**

**Because of the fast curing of ACCELERA EXT products assign one person to each job – do not multi-task:**

- 1 person mixing
- 1 person running pails
- 1 person squeegee
- 1 person cross-rolling
- 1 person broadcasting for every 15 linear feet of wet edge

### **NOTES:**

- Additional manpower will be required for complex installations requiring cut-in work.
- Above manpower applies to maximum 40 foot wet edge

**MIX AND APPLY ONE BATCH AT A TIME - DO NOT MIX HARDENER AND RESIN TOGETHER UNTIL BATCH IS READY FOR IMMEDIATE APPLICATION.**

Next pour the hardener into the resin container; scrape bottom and sides with a mix stick to assure that all material is transferred to the resin bucket. Use the hardener pail to scrape the mix stick and never scrape mix stick on the side of the mix pail. Using a ½" 750 RPM drill with a 3 inch jiffiler blade, mix the resin and hardener for 30 seconds. Pour the entire batch onto the floor in a 4 to 6" ribbon. Use a notched squeegee on smooth surfaces or a flat squeegee over broadcast surfaces to spread the material evenly. Spread rate will vary depending on substrate, broadcast media and finish texture desired. Cross roll the material pushing a 3/8 inch

nap roller in the same direction immediately after the squeegee to ensure there are no puddles. All rolling should be completed within 5 minutes. Allow to cure for 2 hours (@ 70°F / 50% RH).

Typical Large kit spread rates:

Primer:	115 SF/ Kit
Quartz Broadcast Coats:	65 - 75 SF/Kit
Chip Broadcast Coat:	65 – 75 SF/Kit
Grout Coat:	65 SF/Kit
Topcoat:	200 SF/Kit

Note: Small kit = 1/3 Large, Jumbo kit = 2X Large

**CAUTION:** As with all chemical products, individuals may have different reactions to exposure to specific products. This is dependent upon many factors, including the individual’s personal characteristics, the size of the installation, the ventilation available, the intensity of the exposure or the length of the exposure. Individuals may experience discomfort during the installation process of one product, but not another. In some cases this is experienced as a skin irritation and in others it is experienced as an inhalant irritation.

**Typically, it disappears once the exposure is eliminated. In some cases people can become “sensitized” to a product and experience the discomfort every time there is exposure without Personal Protective Equipment (“PPE”).**

**To protect yourself from various exposures or discomfort during the mixing and application of our products, we recommend covering exposed skin including, using gloves, long sleeves, safety glasses and a respirator such as the 3M 8577 P95 Universal Disposable Carbon Respirator or a cartridge respirator.**

**Use only as directed. KEEP OUT OF REACH OF CHILDREN.**

**Do not reseal moisture-contaminated hardener. This will result in carbon dioxide generation or possible violent rupture of container.**

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“Warranties: Seller warrants that its goods, as described on the face hereof, are free from any defects in material or workmanship. **SELLER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. SELLER SHALL NOT BE LIABLE FOR PROSPECTIVE PROFITS OR SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES.** Seller’s sole liability and buyer’s exclusive remedy for breach of any warranty as expressly limited, at seller’s option, to replacement at the original F.O.B. point or refund of purchase price, but in no event will Seller’s liability exceed the total purchase price of the defective product. Seller shall not be responsible for any claim resulting from failure to utilize product in the manner in which it was intended and in accordance with instruction provided for use of product. Any claim for breach of warranty shall be deemed waived unless buyer shall give seller written notice of such claim within sixty (60) days after delivery and shall allow seller reasonable opportunity to investigate claim and inspect product.”