

ACCELERA LINE STRIPING

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.

OVERVIEW

These instructions are for the application of pigmented ACCELERA (reg., LH or EXT) line striping in Bright Yellow or White however other colors maybe used.

STORAGE CONDITIONS

ACCELERA 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.

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.

MANPOWER REQUIREMENTS

Typically a minimum of a two-man team is required for layout, taping and application of line stripes.

SURFACE PREPARATION

If applying over Accelera:

Apply line stripes within the Accelera recoat window per the layout and application method that follows.

If applying over an existing resinous floor:

Tape off lines as desired, then de-gloss existing coating. Apply a 3 mil coat of DUR-A-GLAZE COV-REZ with DUR-A-GLAZE FAST hardener and SUPER-STICK additive using a 3/8” nap roller. Pull tape immediately before material cures, then allow to cure. Apply line stripes per the layout and application method that follows. **IMPORTANT: ACCELERA EXT MUST BE USED FOR THIS TYPE OF APPLICATION TO ENSURE ADHESION.**

If applying over Dur-A-Flex epoxy systems when using a performance topcoat other than Accelera:

Use tape to protect the area where the actual stripe will be placed over the epoxy grout coat. Apply topcoat over floor and immediately pull the tape exposing the non-top-coated line. Allow to cure. This method is required as Accelera will not adhere to most performance topcoats. Apply line stripes per the layout and application method that follows.

LINE STRIPE LAYOUT

Lines should be marked and taped completely before mixing any product. Using a laser device and a marking tool (Sharpies work well) mark off lines every 10 to 20 feet. Apply the appropriate tape using the marks as a guide to ensure a straight line. Press tape firmly to the floor surface using a rubber roller.

APPLICATION METHOD

Proper planning is essential for satisfactory appearance of the finished floor.

NOTE: Application of ACCELERA where jobsite relative humidity is less than 30% is NOT recommended. Use ACCELERA LH resin for applications where jobsite relative humidity is between 10% and 30%. Spread rates are the same for both ACCELERA and ACCELERA LH.

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

NOTE: These application instructions are based on using a small kit. A larger kit may be used with sufficient manpower to apply the entire batch within the application timeframe.

NOTE: Normal recoat window is 16 hours (@70°F/50% RH). If recoating between 16 and 24 hours ACCELERA 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: Recoat window starts from the time the products are mixed.

MIXING

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

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 1/2” 750 RPM drill with a 3 inch jiffler blade, mix the resin and hardener for 30 seconds.

For a two-man crew pour the mix equally into two 9” paint trays. Apply striping using a 3” wide 3/8” nap roller in multiple thin applications wet-on-wet. **The first coat is applied very thin to help tack the edges of the tape to the floor surface to eliminate bleeding.** Apply multiple thin coats, again wet on wet, until an acceptable level of opacity is achieved. Each coat should be allowed to set 5 minutes to become tacky before applying the next coat to avoid bleeding.

Allow to cure for 2 hours (@ 70°F / 50% RH).

Typical kit coverage rates (typical 2” line):

| | |
|-----------|---------------|
| Small Kit | 120 Linear FT |
| Large Kit | 360 Linear FT |

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.