

## **FLEXLINE™ LM PLUS PRIMER**

**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. Call 860.528.9838 with any questions about application.

FlexLine LM Plus Primer is a water-based bonding agent made of 100% acrylic latex that enhances the bonding performance of cementitious mortars and coatings.

### **STORAGE CONDITIONS**

Store unopened containers for up to 1 year at 50°F - 80°F. Avoid Freezing, although product may freeze/thaw up to 5 times and maintain performance.

### **SURFACE PREPARATION / JOINT GUIDELINES**

Use a shot blaster or surface grinder to achieve a CSP of at least 3. Vacuum all dust and debris, and ensure the surface is sound, clean, dry, and free of all contaminants before you begin applying product. Always fill static joints as part of the preparation step, honor moving joints post application. Refer to the master Surface Preparation Guide and Joint Guidelines on our website for more information.

### **MIXING AREA**

Select a convenient mix area as close as possible to the application area and protect the surface from spills by covering the space with a layer of plastic sheeting covered in cardboard. Be generous with the amount of space allocated for this function. Do not mix this product in direct sunlight or when ambient temperatures exceed 90°F. Exposure to high temperatures will greatly reduce the working time of this product. **DO NOT MIX UNTIL READY FOR IMMEDIATE USE.**

### **APPLICATION**

#### **LABOR REQUIREMENTS**

- 1 person rolling/brushing material

#### **EQUIPMENT LIST**

- 3/8" Nap Roller
- Dip and Roll Tray
- Broom - Medium Bristle
- Nitrile Gloves
- Safety Glasses

### **SUBSTRATE PREPARATION**

**GENERAL NOTE:** FlexLine LM Plus Primer is not a vapor barrier. Moisture testing should be completed using test methods ASTM F-1869 for MVER and ASTM F-2170 for RH. If levels exceed the maximum allowed by the finished floor system, contact your Dur-A-Flex Sales or Technical Rep for further instructions. ALL surfaces must be clean, sound, dry, and free of oil, gypsum compounds, wax, grease, sealers, cure & seals, urethane, paint, asphalt, loose surface material or any contaminate that will act as a bond-breaker. Never use acid or mastic removers on any surface to which FlexLine LM Plus Primer will be applied. On new concrete always test for cure-and-seals which inhibit the bond. If cure-and-seals are present they must be removed prior to applying FlexLine LM Plus Primer by mechanical means.

### **INSTALLATION**

**NOTE:** FlexLine LM Plus Primer coatings should be applied only when the temperature of the air, surface and material is above 50°F and will not fall below that for 48 hours after application.

Turn FlexLine LM Plus Primer container over twice or stir gently, but do not shake/stir vigorously. Do not overmix. Too much mixing will entrap air reducing strength and adhesion. Place immediately.

Apply FlexLine LM Plus Primer (neat) using a brush, roller, or broom over the entire working area (coverage is ~250-300 sq ft per gal).

**Broom/Brush:** Apply a small puddle of primer to prepped substrate and spread thinly over the area, working material into cracks and voids.

**Roller:** Pour primer into dip and roll tray and wet-out a 3/8" nap roller. Apply primer to prepped substrate and spread thinly over the area, working material into cracks and voids.

Apply FlexLine LM Plus mortar immediately following primer application, while primer is still tacky. If primer fully cures, re-apply prior to mortar application.

For large application areas, prime surfaces and apply mortar in batches to ensure that the primer is still tacky when applying the coating.

**IMPORTANT!**

*Before using DUR-A-FLEX products, read and understand its accompanying Safety Data Sheet.*

STANDARD TERMS AND CONDITIONS OF SALE, INCLUDING STANDARD WARRANTY APPLY - VISIT **DUR-A-FLEX.COM** FOR THE LATEST VERSION

**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.