

FLEXLINE™ LM PLUS MORTAR

DESCRIPTION

FLEXLINE LM PLUS MORTAR is a cement-based single component acrylic polymer underlayment, ideal for fast and easy pitching, patching, ramping, and screeding. It can be trowel applied 1/8" up to 2" neat – up to 5" extended. It can be resurfaced with any Dur-A-Flex EPOXY system or ACCELERERA, HYBRI-FLEX or POLY-CRETE system.

BENEFITS

- High Bond Strength - Adheres to new or old concrete and plywood
- High Compressive Strength - 7,000 PSI when fully cured
- Wide Range for Application Thickness - Apply 1/8"- to as thick as 5" (washed pea gravel)
- Versatile Underlayment - Provides a compatible bonding surface for resinous flooring systems, tile, and carpet adhesives

PACKAGING

FLEXLINE LM PLUS MORTAR is an aggregate available in 50lb bags.

COMMON USE SITES

- Pitching/Patching
- Ramping
- Underlayment

SYSTEM GUIDELINES

Best suited for application between 60°F – 90°F.

MOISTURE CONCERNS

FLEXLINE LM PLUS MORTAR is not a vapor barrier. Moisture and salt testing should be based on the finished flooring systems. Normal limits for moisture vapor transmission are 3 lbs./1,000 sq ft /24 hour using the calcium chloride test per ASTM F-1869 or 75% relative humidity using in-situ Relative Humidity Testing per ASTM F-2170. Core Analysis Testing is available from Dur-A-Flex to help provide a measurement of ionic content in flooring substrate. Please refer to the Floor Evaluation Guidelines on our website for more information.

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 the 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.

APPLICATION

1. Mix mortar aggregate with water
2. Trowel or screed onto substrate
3. Allow time to cure based on application thickness

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Physical Property	Test Method	FlexLine LM Plus Mortar
Set Time Vicat	ASTM C-191	20 Minutes -Initial 30 Minutes - Final
Compressive Strength tested at 2.75 quarts	ASTM C-109	4 hours 2,000 PSI 1 day 3,000 PSI 28 days 7,000 PSI
Tensile Strength	ASTM C-190	7 day 400 PSI 28 day 470 PSI
Flexural Strength	ASTM C-348	7 day 1250 PSI 28 day 1400 PSI
Shear Bond Adhesion	ASTM C-882	7 Day 1950 PSI 28 Day 2550 PSI
Modulus of Elasticity	ASTM C-469-94	4.22 x 10 ⁶ PSI

IMPORTANT!

Before using DUR-A-FLEX products, read and understand its accompanying Safety Data Sheet & Application Instructions for important safety information.

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