



# COLOSSAL 117-MJF MOVEMENT JOINT FILLER

## PRODUCT DATA SHEET

623 Chatsworth Hwy 225

Calhoun, GA 30701

706.403.3286

[lamininindustries.com](http://lamininindustries.com)

### PRODUCT DESCRIPTION

Colossal 117-MJF Movement Joint Filler is a pre-measured, 2-component filler used for filling dynamic or moving joints in concrete substrate. Ideal for filling joints of any width. Suitable for use with Colossal 117-USL Urethane Self-Lever as a filler for joints where two slabs meet. Easy mixing and fast curing make it extremely simple to use. May be used in pre measured containers as an entire mix or may be mixed in partials for amount needed.

### PRE-INSTALLATION CHECKLIST

A successful installation requires proper preparation of the sub-floor. Read and understand all applicable guidelines and technical data sheets before installation. Follow industry standards and flooring manufacturer's recommendations for sub-floor moisture content, design, layout and application of flooring materials. Backing of all flooring material must be solid and sound and free of any anti-adherents. All slab constructions must meet the specific requirements of the floor covering to be installed.

### SUB FLOOR EXAMINATION

Prior to installation, the sub-floor must be checked according to applicable installation guidelines. It must be solid and sound, permanently dry, clean, free of chaps and anti-adherents, as well as resistant to pressure and tension. Moisture content of all floors must be measured before installation.

### SUB-FLOOR PREPARATION

The condition of the sub-floor will determine which type of mechanical treatment is required (e.g. wire brushing, sanding, grinding or shot blasting). Dust, paint, curing compounds, sealers, residual adhesives or other surface pollutants MUST be removed by suitable means. Extent of sub floor preparation can only be determined at the site by the installer. Clean the surface with an industrial vacuum cleaner, tack or damp mop floor before application. Do not use sweeping compounds as most will contain oil or wax which will act as an anti-adherent and prevent primers, sealers, leveling compounds, coatings and/or adhesives from bonding to the concrete. Cracks and gaps must be treated prior to application of primers, sealers, leveling compounds, coatings and/or adhesives.

### MIXING OF COMPONENTS

Pour all of the curing agent from the small bottle into the large container. Close cap and shake for 60 seconds. Partial containers can be mixed in a separate container, mix partial crack filler with appropriate partial amount of curing agent and shake or stir for 60 seconds.

### INSTALLATION PROCEDURE

For dynamic or moving joints over 1/2" deep, insert backer rod into crack and counter sink at least 1/2" below primary surface. Pour the movement joint filler into the crack immediately after mixing and smooth out surface with a flat trowel.

### LIMITATIONS

When using other than Laminin Industries products in conjunction with Laminin Industries primers, sealers, leveling compounds, or adhesives, Laminin Industries denies any and all responsibility for any ensuing problems and/or damages without prior written authorization from Laminin Industries. In case of accident, injury, spill or exposure, see SDS sheet for information. Consult technical data sheet at [lamininindustries.com](http://lamininindustries.com) for updated information. The filler will maintain its integrity and performance even when high levels of moisture or water are present. Please see below for recommended sealers if a moisture barrier is required. The foregoing representations are based on the results of our most current product and material testing within a controlled environment and are of a non-obligatory advisory nature only. As such, they do not constitute an express or implied warranty of any kind including the Warranty of Merchantability and/or Fitness for a Particular Purpose. Because we have no control over the actual quality of workmanship, materials used and worksite conditions, Laminin Industries will in no event be liable for any incidental and/or consequential damages. heretofore, we strongly recommend that prior on-site testing be conducted to refer to and study the suitability of the product for the intended purpose. With the release of this technical information sheet all its prior versions become invalid. For warranty and warranty disclaimer information contact your Laminin sales associate.



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#### GENERAL FEATURES

- LEED qualified
- Works under any type of flooring
- Contains no isocyanates
- High shear strength
- Contains no solvents nonflammable
- High solids content
- Freeze/thaw stable
- Works under any Laminin Industries adhesive
- Bridges cracks

#### INSTALLATION FEATURES

- Very low odor
- Dries quickly
- Higher temp will shorten drying time
- Observe pot life during installation no risk of sensitization

#### LONG-TERM FEATURES

- Resistant against aging
- Remains elastic
- Suitable for radiant heat systems

#### APPROVED SUB FLOORS

- Concrete Slabs
- OSB (underlayment grade)
- Plywood (underlayment grade)
- Wet Concrete Slab up to 18# / 24hrs / 1,000SF and 97% RH
- Asphalt

#### SPREAD RATE

- 1/2" x 1/2": up to 77LF/gal

#### CURING TIME BEFORE FLOORING INSTALLATION

- Approx. 1 hour

#### TEMPERATURE RANGE DURING INSTALLATION

- 50°-90°F

#### RELATIVE HUMIDITY RANGE DURING INSTALLATION

- 20% - 90%

#### PACKAGING SIZE

- 1 qt. refill - 6 count case
- 1 gal. refill - 6 count case

#### COLOR

- Yellow

#### COLOR HARDENER

- Clear

#### MIXING RATIO

- One bottle curing agent to one container of filler

#### SHELF LIFE

- 24 months in original, unopened container

#### STORAGE

- Dry

#### POT LIFE

- Approx. 20 min @ 70°F (21°C)