



### **PRODUCT DESCRIPTION**

Colossal 117-MJF Movement Joint Filler is a pre-measured, two 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 Leveler as a filler for joints where two slabs meet. Easy mixing and fast cure time 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. Colossal 117-MJF is extremely durable and may be used in conjunction with other Laminin Industries products.

### **KEY FEATURES and BENEFITS**

- \* Works under any type of flooring
- \* High solids content
- \* Cures in approximately one hour
- \* Contains no solvents
- \* High shear strength
- \* Freeze/ Thaw stable
- \* Non-flammable
- \* Bridges cracks
- \* Works under any Laminin adhesives
- \* Very low odor
- \* Resistant against aging
- \* Contains no isocyanates
- \* Remains elastic
- \* Suitable for radiant heat systems

### **APPROVED SUBSTRATE TYPES**

- \* Wet Concrete Slab up to 18#/ 24 hours/ 1000 SF and 97% RH
- \* Properly installed and sound Laminin surface preparation products
- \* Concrete slabs
- \* Asphalt
- \* OSB (Underlayment grade)
- \* Plywood (Underlayment grade)

### **APPROVED SURFACE PREPARATION PRODUCTS**

- \* Colossal 117-USL Urethane Self-Leveler
- \* Colossal 117-CSL Cementitious Self-Leveler
- \* Colossal 117-EPS Epoxy Prime and Seal
- \* Colossal 117-EMB Epoxy Moisture Barrier
- \* Colossal 117-MRS Moisture Resistant Smooth Skim

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## **PRODUCT LIMITATIONS & SURFACE PREPARATION**

### *Colossal 117-MJF:*

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 the sub floor moisture content, design, layout and application of the flooring materials. All slab constructions must meet the specific requirements of the floor covering to be installed.

Prior to installation, the sub floor must be checked according to national standards. It must be solid and sound, level, free of indentations as well as resistant to pressure and tension. Depending on type and condition of sub floor, a mechanical treatment (e.g. mechanical brushing, grinding or sanding) may be required. Intensity of such work must be determined at the site by the installer. Dust, paint, residual adhesives or other surface contaminants must be removed by suitable means. Cleaning the surface with an industrial vacuum is recommended. Cracks and gaps must be filled with concrete crack filler unless they are expansion joints. Level when necessary to 3/16" within ten feet. Heated sub floors must be primed.

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. This adhesive will maintain its integrity and performance even when high levels of moisture or water are present. While this adhesive can withstand any amount of moisture, it does not qualify as a moisture inhibitor. Please see above for recommended sealers if a moisture barrier is required. In case of accident, injury, spill or exposure, see SDS information sheet for appropriate action. Consult technical data sheet at [lamininindustries.com](http://lamininindustries.com) for updated information. 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, LLC will in no event be liable for any incidental and/or consequential damages. Therefore, 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, please contact your Laminin Industries sales associate.

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### **MIXING INSTRUCTIONS**

Pour all 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 INSTRUCTIONS**

For dynamic or moving joints over 1/2" deep, insert backer rod 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.

### **POST APPLICATION**

\* Product cures after approximately one hour

### **CLEAN UP PROCEDURES**

\* Clean up while product is still wet

### **ADDITIONAL TECHNICAL INFORMATION**

|                                      |  |
|--------------------------------------|--|
| <b>Spread Rate_</b>                  | <b>Coverage</b>  |
| <b>1/2" x 1/2"</b>                   | <b>up to 77 LF/Gal</b>   |
| <b>Pot Life_</b>                     | <b>Approximately 20 minutes @ 70 F°</b>                              |
| <b>Application Temperature</b>       | <b>50-90 F°</b>  |
| <b>Application Relative Humidity</b> | <b>20-90%</b>  |
| <b>Packing Size</b>                  | <b>1 qt. refill - 6 count case<br/>1 gal. refill - 6 count case</b>  |
| <b>Material Type_</b>                | <b>2-part Epoxy</b>  |
| <b>Shelf Life</b>                    | <b>24 months in unopen container in a<br/>controlled environment</b> |
| <b>Color_</b>                        | <b>Part A: Yellow, Part B: Clear</b>                                 |
| <b>Mixing Ratio</b>                  | <b>1 Part A :1 Part B by weight</b>                                  |