



PRODUCT DESCRIPTION

Colossal 117-SJF Static Joint Filler is a pre-measured, two component filler used for the repair or filling of voids in concrete substrate. Ideal for filling cracks in concrete sub floors of any width. Suitable for use with Colossal 117-EMB Epoxy Moisture Barrier as a filler for voids such as scored joints. Easy mixing and fast curing make it extremely easy to use. May be used in pre-measured bottles as an entire mix or may be mixed in a 1:1 ratio for amount needed. Colossal 117-SJF is extremely durable and may be used in conjunction with other Laminin Industries' products.

KEY FEATURES and BENEFITS

- * High shear strength
- * High solids content
- * Contains no solvents
- * Contains no water
- * Cures in approximately one hour
- * Contains no VOC's (calc. per CA Rule 1168)
- * Works under any Laminin adhesives
- * Contains no isocyanates
- * Bridges cracks
- * Suitable for radiant heat systems
- * Non-flammable
- * Resistant against aging, remains elastic

APPROVED SUBSTRATE TYPES

- * Wet concrete slab up to 25#/24hours/1,000SF and 100%RH
- * Properly installed and sound Laminin surface preparation products
- * Concrete slabs
- * Cured leveling compounds
- * Ceramic Tiles
- * Epoxy sealers (100% solid, cured)
- * Asphalt
- * Stone terrazzo
- * Metal Floors
- * Cutback residues
- * Plywood (Underlayment grade)

APPROVED SURFACE PREPARATION PRODUCTS

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

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PRODUCT LIMITATIONS & SURFACE PREPARATION

Colossal 117 SJF:

* Sub floor temperatures between 32 and 50 degrees F (0 and 10 degrees C) will dramatically increase drying time up to 24 hours. Never install product when sub floor temperature is below freezing or of condensation could occur on the sub floor within 24 hours after application.

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 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

Before product use, take appropriate safety precautions. Refer to the Laminin Safety Data sheet for details

* Pour all of Part A in the bottle with Part B. Close the cap and shake for 15 seconds. DO NOT STIR. Partial bottles can be mixed in a separate container. Mix one Part A to one Part B (1:1) and shake for 15 seconds. DO NOT STIR.

INSTALLATION INSTRUCTIONS

Read all installation instructions thoroughly before installation:

* Widen the crack in the floor to approximately 1/4" using an angle grinder, also cut the floor across the crack and install floor brackets. Pour the concrete crack filler into the crack immediately after mixing and smooth out surface with a flat trowel. Broadcast sand and into the wet crack filler and vacuum off after it has dried to improve adhesion of the subsequent levelers, sealers or adhesives.

POST APPLICATION

* Cure time is approximately 30 minutes before flooring installation

CLEAN UP PROCEDURES

- * Do not allow to harden on tools
- * Clean up while product is still wet.
- * Cleans with urethane cleaner

ADDITIONAL TECHNICAL INFORMATION

Viscosity	270 cps
VOCs (Rule #1168 of California's SCAQMD)	< 0 g per L
Density	12.35 lbs. per U.S. gal.
pH Limit	14



ADDITIONAL TECHNICAL INFORMATION (Cont.)

Trowels Recommendations	Coverage
1/4" x 1/4"	Dependent on scenario
Pot Life	Approximately 10 minutes @ 70 F°
Application Temperature	50-90 F°
Application Relative Humidity	20-90%
Packing Size	10 fl. oz. Plastic Bottle 5 Part A + 5 Part B per case

Material Type	2-part Urethane
Shelf Life	12 months in unopen container in a controlled in environment
Color	Part A: Yellow, Part B: Brown
Mixing Ratio	1:1, A:B