



COLOSSAL 117-SJF STATIC JOINT FILLER

PRODUCT DATA SHEET

623 Chatsworth Hwy 225

Calhoun, GA 30701

706.403.3286

lamininindustries.com

Special Features

- ❑ Permanently close cracks in sub-floors
- ❑ Install metal anchor in concrete
- ❑ Repair concrete or stone stairs

Product Description

Colossal 117-SJF Static Joint Filler is a pre-measured, 2-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.

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 part A into the bottle with part B. Close cap and shake for 15 seconds. Do not stir. Partial bottles can be mixed in a separate empty container, mix one part A with 1 part B and shake for 15 seconds. Do not stir.

Installation Procedure

Widen the crack in the floor to approx. 1/4 inch 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 into the wet crack filler and vacuum off after it has dried to improve adhesion of subsequent levelers, sealers or adhesives

Storage

Store and transport protected from freezing. Recommended minimum temperatures are 35 °F for transport and 40 °F for storage. Do not stir product if frozen, allow to thaw completely.

Limitations

When using other than Laminin products in conjunction with Laminin primers, sealers, leveling compounds, or adhesives, Laminin denies any and all responsibility for any ensuing problems and/or damages without prior written authorization from Laminin.

In case of accident, injury, spill or exposure, see SDS sheet for 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
- ❑ contains no water
- ❑ high shear strength
- ❑ contains no solvents
- ❑ contains no VOC (calc. per CA Rule 1168)
- ❑ certified "green"
- ❑ certified "very low emission"
- ❑ nonflammable
- ❑ high solids content
- ❑ ozone friendly
- ❑ freeze/thaw stable
- ❑ works under any Laminin adhesive
- ❑ not freeze/thaw stable
- ❑ bridges cracks
- ❑ contains no plasticizers
- ❑ contains no isocyanates

Installation Features

- ❑ very low odor
- ❑ excellent penetration of sub-floor
- ❑ dries quickly
- ❑ higher temp will shorten drying time
- ❑ observe pot life during installation
- ❑ suppresses minor cracks in concrete slabs
- ❑ no risk of sensitization
- ❑ cleans with urethane cleaner

Long Term Features

- ❑ resistant against aging
- ❑ suitable for radiant heat systems

Approved Sub-Floors

- ❑ Concrete Slabs
- ❑ Ceramic Tiles
- ❑ Stone, Terrazzo
- ❑ Cured Leveling Compounds
- ❑ Radiant Heated Sub Floors
- ❑ Metal Floors
- ❑ Asphalt
- ❑ Wet Concrete Slab up to 25#/24hrs/1,000SF and 100% RH
- ❑ Cutback residues (grinded, tested negative for asbestos)
- ❑ Epoxy Sealers (100% solid, cured)

Curing Time before Flooring Installation

- ❑ approx. 30 mins.

Temperature Range during Installation

- ❑ 50°-90°F

Relative Humidity Range during Installation

- ❑ 20% - 90%

Packaging Size

- ❑ 10 fl. oz. Plastic Bottle
- ❑ 5 Part A + 5 Part B per case

Color

- ❑ Yellow

Color Hardener

- ❑ Brown

Mixing ratio

- ❑ 1.3 Part A + 1 Part B by weight
- ❑ 1 Part A + 1 Part B by volume

Shelf Life

- ❑ 12 Months in original, unopened container

Pot Life

- ❑ approx. 10 min @ 70 °F (21 °C)