



COLOSSAL 117-SFA SPORT FLOORING ADHESIVE

PRODUCT DATA SHEET

623 Chatsworth Hwy 225

Calhoun, GA 30701

706.403.3286

lamininindustries.com

Adhesive for Turf and Flooring Installation

Special features

- suitable for outdoor installations
- no VOC or solvents, achieves LEED points
- installs in light rain and blazing heat
- no shipping restrictions
- resistant to cleaners and most chemicals after curing
- lifetime warranty

Product Description

Colossal 117-SFA Sport Flooring Adhesive spreads easily and has a non-slump formula that will help insure contact transfer and adhesive because the ridges will bridge normal gaps between the flooring and substrate. It allows even fast installation with complicated patterns due to its strong green grab. There is no flash time required, so installation can commence immediately. Rolling is recommended. It offers superior flexibility and is designed to adapt to seasonal changes. Colossal 117-SFA offers high shear strength which makes it suitable for outdoor and indoor use.

Pre-Installation Checklist

A successful installation requires proper preparation of the sub floor. Read and understand all applicable guidelines and technical data sheets before beginning installation. Follow industry standards and flooring manufacturer's recommendations for sub floor preparation, design, layout and application of flooring materials. Backing of all flooring material must be solid and sound and free of any anti-adherents.

Sub Floor Examination

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.

Sub Floor Preparation

Prepare sub floor according to synthetic turf manufacturer's instructions.

Installation Procedure

Spread the adhesive with the appropriate notched trowel or use a glue box to spread the adhesive onto the seaming tape. Lay the turf into the adhesive and press down firmly.

Storage

Place plastic on top of unused adhesive. Remove air pockets between adhesive and plastic. Place silica bags in pail. Place lid on pail and seal tightly. Store pail in a cool dry place.

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.

This adhesive will maintain its integrity and performance even when high levels of moisture or water are present. While adhesive can withstand any amount of moisture, it does not qualify as a moisture inhibitor. Please see below for recommended sealers if a moisture barrier is required.



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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. 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 information, contact your Laminin representative.

General Features

- LEED qualified
- 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
- special polymer will not etch floor's finish
- moisture cured for a strong bond
- Freeze/thaw stable
- contains no plasticizers

Installation Features

- wet lay - no flash time required
- non-slump formula
- very low odor
- excellent spread rate
- long open time
- spreads easily
- higher temp & RH will shorten drying time
- No risk of sensitization

Long Term Features

- resistant against aging
- remains elastic
- suitable for radiant heat systems
- adhesive is waterproof when cured
- No health hazards

Approved Flooring

- Synthetic Turf
- Sports Flooring
- Sheet Vinyl (structured or rubber back)
- Rubber Flooring
- Carpet (felt, fiber, jute, woven vinyl)

Approved Primers

- Primer is normally not required

Approved Sealers

- Sealer is normally not required

Approved Leveling Compounds

- Colossal 117-USL Urethane Self-Leveler
- Colossal 117- CSL Cementitious Self-Leveler
- Colossal 117-MRS Moisture Resistant Smooth Skim

Approved Trowels and Spread Rate

- Flat backed Material-#1 (1/16"x1/16"x1/16" V notch) up to 170 SF/gal.
- Rough backed Material-#2 (1/8"x1/8"x1/16" V notch) up to 90 SF/gal.
- Trowel #4 (Outdoor on rough Surface): up to 50 SF/gal.
- Recommended Run Length: 160 LF/unit (glue 9" wide)
- Sports Flooring-#15 (3/32"x3/32"x3/32") up to 130 SF/gal.

Cure Time until Normal Traffic

- approx. 12 hours

Clean-Up

- Use acetone while wet
- Use plastic scraper and terry cloth when dry



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Approved Flooring Continued

- Sheet Vinyl (felt backed)
- NOT approved:
Polyolefin/Polyethylen/Polypropylen backed
Flooring
- VCT (Vinyl Composition Tiles)

Approved Materials

- Synthetic Turf

Approved Sub Floors

- Concrete Slabs
- OSB (underlayment grade)
- Plywood (underlayment grade)
- Cured Leveling Compounds
- Radiant Heated Sub Floors
- Seaming Tape
- Wet Concrete Slab up to 25#/24hrs/1,000SF and
100% RH
- Cured and primed cementitious levelers
- Brick
- Concrete

Temperature Range during Installation

- 32 degrees F-100 degrees F

Relative Humidity Range during Installation

- 20% - 90%

Packaging Size

- 3 gal. Plastic Pail

Color

- Cream

pH value of concrete

- resistant up to 14

Storage

- dry

Shelf Life

- 12 Months in original, unopened container

Open Time	30% R/H	50% R/H	80% R/H
50°F/10°C	30	25	20
70°F/21°C	25	20	15
90°F/32°C	20	15	10

Revision: 2020-12-17 07:46:33