

1. PRODUCT NAME

SFA (Sports Flooring Adhesive)

2. MANUFACTURER

PROFLEX® Products, Inc.
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3. PRODUCT DESCRIPTION

PROFLEX® SFA is a solvent-free, latex rich adhesive formulated to provide an exceptional bond when installing rubber or vinyl stair tread, radial tile or rubber sheet flooring over porous and non-porous surfaces free of moisture. PROFLEX® SFA is also designed to permanently install dimensionally stable vinyl backed resilient sheet goods, homogenous commercial grade PVC sheet flooring, PVC backed carpet, PVC backed carpet tiles, PVC sheet vinyl (vinyl backed), vinyl tile, vinyl plank, linoleum, and linoleum tile. PROFLEX® SFA is LEED compliant and is compliant with South Coast Air Quality Management District Rule 1168.

Advantages

- Solvent Free - VOC Compliant
- Excellent open time
- Non Hazardous - Non Flammable

Recommended Substrates

- Concrete
- Portland Based Underlayments
- Properly Prepared Gypsum
- APA Approved Plywood
- Terrazzo
- Fiber Cement Underlayment
- Radiant Heated Subfloors
- Properly Prepared VCT (Single Layer)
- Properly Prepared Sheet Vinyl (Single Layer, fully adhered)

Restrictions

1. For interior installations only.
2. Do not install when MVER is over 8 lbs. per 1,000 sf per 24 hours, per ASTM F1869.
3. Do not install when relative humidity is over 90%, per ASTM F2170.
4. Do not install when ambient temperature is not between 60°F & 95°F.
5. Do not install when ambient relative humidity is above 65%.
6. It is the sole responsibility of the installer to determine the suitability and compatibility of the adhesive for the user's intended use.

Trowel Recommendations

Trowel	Coverage
1/16" x 1/16" x 1/16" V-Notch Non-Porous Substrates	125 - 175 sf/gallon or 14-20 square yards per gallon
1/16" x 1/16" x 1/16" Sq-Notch Porous Substrates	125-175 sf/gallon or 14-20 square yards per gallon

4. TECHNICAL DATA

Base Polymer	Acrylic Polymer
Color	White
Solids	70-75%
VOC Content	<10 gram per liter
pH	8.25
Consistency	Thick Paste
Trowelability	Light, easy
Shelf Life	One year in unopened container

Storage	40°-95°F
Application Temperature	65°-95°F (18°-35°C)
Traffic Restrictions	Foot traffic after 12 hours, heavy traffic after 24 hours
Open Time	30-45 minutes
Freeze Thaw Stability	5 cycles @ 20°F

5. INSTALLATION

Subfloor Preparation

Follow all manufacturer's recommendations and industry standards regarding subfloor preparation. Moisture tests are required on all concrete subfloors regardless of grade level or if the concrete is freshly poured or is classified as an older slab. Moisture testing should be performed by ASTM F1869 Calcium Chloride Tests with moisture levels not to exceed Five (5) pounds per twenty-four (24) hours per one thousand (1000) square feet, or ASTM F2170 In Situ Relative Humidity Test with readings, not to exceed eighty (80) percent on existing slabs. New Construction Projects or Green slabs can have a Moisture Vapor Emission Rate of up to eight (8) pounds per twenty-four (24) hours per one thousand (1000) square feet or 90% when tested in accordance with ASTM F-2170. Additional information with regard to these tests and results can be obtained through PROFLEX Technical Service Department. The maximum pH levels should not exceed a reading of 9.

DIRECTIONS:

Refer to all manufacturer's recommendations and approvals prior to installation. For Indoor Use Only. For best results install at 70°F (+/- 5°) and 50% R.H. (+/- 5%).

1. All surfaces must be clean, dry, free of dust, grease, paints, oils, curing compounds, sealers, or any other foreign material which may interfere with proper adhesion. Cracks and uneven surfaces must be filled with a cementitious patching compound.

Radial Tile, Rubber and Vinyl Stair Treads

2. Porous surfaces require the use of a 1/16" x 1/16" x 1/16" square notch trowel for the installation of radial tile, rubber and vinyl stair treads with gauges of 0.115 or greater. For radial tile and treads with gauges of 0.114 or less a 1/16" x 1/16" x 1/16" V-Notch trowel should be used. Once troweled the adhesive should be allowed to remain open for approximately 5-10 minutes before placement of the stair tread or flooring material. Once placed the installed product should be rolled as quickly as possible using a 100 pound 3 section roller. Stair treads and nosings should be rolled with a steel hand roller.

3. For non-porous applications a 1/16" x 1/16" x 1/16" V-notch trowel should be used. The adhesive should be allowed to dry to the touch so that there is little or no transfer of adhesive to the finger. Once the adhesive reaches the dry touch state it is ready to accept flooring. Rolling with a 100 pound 3-section roller should take place immediately after the flooring material has been placed into the adhesive. The time from when the adhesive is allowed to dry to the touch to the time it must be covered is approximately 45 minutes. If the adhesive is allowed to remain uncovered after initial drying to the touch for periods longer than the recommended 45 minutes, a loss of adhesion may result. Care should be taken by the installer not to spread more adhesive than can be worked within the 45-minute period.

Rubber Sheet Flooring

4. When installing rubber sheet flooring over a porous surface, use a 1/16" x 1/16" x 1/16" square notch trowel. Trowel adhesive onto the substrate and allow it to remain open for 5-10 minutes. Position flooring into adhesive and roll the entire area in both directions with a 75-100 pound 3 section roller as quickly as possible once the flooring has been positioned.

5. For non-porous surfaces a 1/16" x 1/16" x 1/16" V-notch trowel is recommended. Allow adhesive to dry to the touch so that little or no transfer takes place. Install flooring within 45 minutes and roll immediately with a 75-100 pound roller.

NOTE: For stair tread application (gauge 0.125 or heavier), a 1/8" x 1/8" x 1/16" V-notch trowel may be used on porous applications. As previously instructed, the adhesive should remain open for 5-10 minutes prior to placement of the tread. Once placed, roll tread with appropriate hand roller.

CAUTION: Do not allow adhesive to remain uncovered after the initial drying period as a loss of adhesion strength will occur. Do not spread more adhesive than can be worked within the 45 minute time frame.

CLEAN-UP:

Remove wet adhesive immediately with a damp cloth. Use Mineral Spirits to remove dried adhesive.

CAUTION: Mineral Spirits are flammable. Read and follow all precautions on container label.

COMPOSITION/INFORMATION ON INGREDIENTS:

• Dangerous components:

No hazardous/reportable components.

First aid measures

• After inhalation: Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

• After skin contact: Immediately wash with water and soap and rinse thoroughly.

• After eye contact: Rinse opened eye for 15 minutes under running water. If eye becomes irritated, obtain medical treatment.

• After swallowing: Rinse out mouth with water. Drink 1 - 2 glasses of water but do not induce vomiting. Do not give liquids to a drowsy, convulsing or unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek medical treatment.

CALIFORNIA VOC (Volatile Organic Compound) COMPLIANCE:

SCAQMD Rule 1168: Solvent Free
VOC Compliant

SCAQMD Rule 443.1:

Grams of VOC per Liter of Material <10 gram/liter.

Grams of VOC per Liter of Coating <13 gram/liter.

FOR MORE INFORMATION READ SAFETY DATA SHEET**KEEP OUT OF REACH OF CHILDREN****6. AVAILABILITY**

PROFLEX® Products are available nationwide.

To locate PROFLEX® products in your area, please contact:

Phone: 877-577-6353

Website: www.proflex.us

7. WARRANTY

This product is manufactured according to exacting quality control standards and is warranted to be free from manufacturing defects. Defective material called to our attention within one year of manufacture will be replaced. No guarantee, expressed or implied, is made regarding the performance of this product since the manner and conditions of application are beyond our control. For complete warranty information, call Technical Services at 877-577-5353, email technical@proflex.us or visit our website at www.proflex.us

8. MAINTENANCE

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

9. TECHNICAL SERVICES

Technical assistance

Information is available by calling the Technical Support

Toll Free: 877-577-6353

Fax: 863-937-9624

Technical and safety literature: To acquire technical and safety literature, please visit our website www.proflex.us

10. FILING SYSTEM

Division 9