



4700 RUBBER TILE AND STAIR TREAD ADHESIVE



ENVIRONMENTAL/PERFORMANCE:

- Solvent-Free/VOC Compliant
- Excellent Open Time
- MICROBAN® Antimicrobial Protection
- Non Hazardous – Non Flammable
- Residential and Commercial
- Low odor / Odorless When Dry
- CRI Green Label Plus Certified

DESCRIPTION:

Fusion Series 4700 Rubber Tile and Stair Tread Adhesive 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.

SUB-FLOOR PREPARATION:

Follow all manufactures recommendations and industry standards regarding sub-floor preparation.

We require that moisture tests be performed on all concrete sub-floors regardless of grade level or whether or not 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 three (3) 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 seventy-five (75) percent. Additional information with regard to these tests and results can be obtained through Para-Chem's Technical Service Department.

Additional information with regard to sub-floor installation and requirements can be found in ASTM F-710 or CRI 104-105.

DIRECTIONS:

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 for 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 utilizing 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 utilized. The adhesive should be allowed to dry to the touch so that there is little or no transfer of adhesive to

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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. From the time 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 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 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 utilized on porous applications. The adhesive as previously instructed 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:

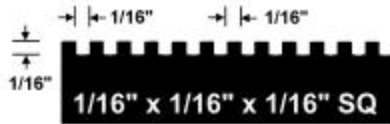
Wet adhesive can be removed with water. Dried adhesive can be removed using Mineral Spirits or M-315.

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

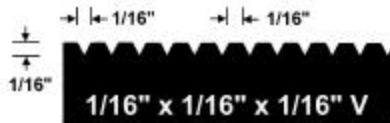
COVERAGE AND TROWEL RECOMMENDATION:

Spread rates for the various trowels are as listed below:

1/16" square notch.....Approx. 100 sq. ft/gallon



1/16" V-notch.....Approx. 150 sq. ft./gallon



1/8"x1/8"x1/16 V-notch.....Approx. 75 sq. ft./gallon



CALIFORNIA VOC (Volatile Organic Compound) COMPLIANCE:

Solvent Free Product.

SCAQMD Rule 1168: VOC compliant.

SCAQMD Rule 443.1: Grams of VOC per Liter of Material < 10 grams/liter.

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

FOR MORE INFORMATION READ MATERIAL SAFETY DATA SHEET

KEEP OUT OF REACH OF CHILDREN

WARNING!!

Various Federal, State and Local Government agencies have regulations governing the removal of in-place asbestos-containing material. If you contemplate the removal of a resilient floor covering structure that contains (or is presumed to contain) asbestos, you must review and comply with all applicable regulations.

Follow the RFCI's Recommended Work Practices for Removal of Resilient Floor Coverings.
RFCI, 401 East Jefferson St., Suite 102, Rockville, MD 20850 – phone 301-340-8580

5-YEAR NO-NONSENSE WARRANTY:

If an installation failure occurs within 5 years from date of installation as the direct result of defective adhesive Para-Chem will cover all materials and if flooring was professionally installed, Para-Chem will pay reasonable labor costs. Materials will be of the same type and grade if available, if unavailable or discontinued, Para-Chem may refund the initial purchase price.

CONSEQUENTIAL/INCIDENTAL DAMAGE EXCLUSION

Para-Chem excludes and will not pay consequential or incidental damages under this limited warranty. By this we mean any loss, expense or damage other than to flooring itself that may result from a defect in the adhesive itself. The warranty against cohesive failure, staining or discoloration are the exclusive warranties offered by Para-Chem. All other warranties, including the warranties of merchantability and fitness for a specific purpose, are specifically disclaimed and there are no other warranties regarding these products, express or implied.

Shelf life limited to one year from date of manufacture.

MATERIAL SAFETY DATA SHEET

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Para-Chem[®], PO Box 127, Simpsonville, SC 29681

24-Hour Emergency Telephone: (864) 967-7691

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: Fusion Series 4700 Rubber Tile & Stair Tread Adhesive

CHEMICAL FAMILY: Water Base Adhesive

SECTION 2. HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
None				

SECTION 3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Eyes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: May cause slight irritation.

SKIN CONTACT: May cause slight irritation

INGESTION: May cause gastric distress.

INHALATION: May cause slight respiratory irritation

CHRONIC: None known.

CARCINOGENICITY: This product contains no ingredient above the OSHA minimum reporting threshold listed by IARC, NTP, or OSHA.

SECTION 4. FIRST AID MEASURES

EYE CONTACT: Flush with water for 15 minutes. Contact a physician if irritation occurs.

SKIN CONTACT: Wash with soap and water.

INGESTION: Do not induce vomiting. Contact a physician.

INHALATION: Remove to fresh air.

SECTION 5. FIRE-FIGHTING MEASURES

FLASH POINT (°)F: None.

LOWER FLAMMABLE LIMIT: None.

UPPER FLAMMABLE LIMIT: None.

FIRE-FIGHTING INSTRUCTIONS: Use protective clothing and self-contained breathing apparatus.

EXTINGUISHING MEDIA: Water fog, CO₂, dry chemical, and chemical foam.

DECOMPOSITION PRODUCTS: Dried material may produce CO, CO₂.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Shovel or scoop spill material into secure container(s) for reuse or disposal. Dispense sand, sawdust, or vermiculite and absorb spill residue. Collect and place in waste container. Wash area thoroughly with water.

SECTION 7. HANDLING AND STORAGE

HANDLING: Use good hygienic practices. Wash hands before eating, using washroom or smoking. Keep out of the reach of children.

STORAGE: Store above 40° F. Freeze-thaw stable up to five cycles at 20° F.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Safety glasses with side shields or splash goggles.

SKIN PROTECTION: Gloves

RESPIRATORY PROTECTION: Not normally required with good ventilation.

ENGINEERING CONTROLS: Normal room ventilation. Open doors, windows, and vents, use floor and ceiling to ventilate area during application.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F): 212

SPECIFIC GRAVITY (WATER = 1): 1.19

VAPOR PRESSURE: Same as water.

VAPOR DENSITY(air=1): Same as water.

% VOLATILE BY WEIGHT: 27

pH: 8.25

APPEARANCE AND ODOR: White colored paste with little or no odor.

SECTION 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

SECTION 11. TOXICOLOGICAL INFORMATION

No information available

