

4269 CLEAR THIN SPREAD

ENVIRONMENTAL/PERFORMANCE:

- Solvent-Free – VOC Compliant
- Extended work time
- Outstanding tack level

DESCRIPTION:

Fusion Series 4269 Clear Thin Spread is designed and formulated for the installation of vinyl composition tile.

With aggressive tack and superior bond strength, 4269 combines performance and value without compromising the environmental concerns of today's marketplace.

4269 is highly recommended for use in health care facilities, educational institutions, hospitals, dining areas and occupied office buildings. While the adhesive is designed to meet the challenges of poorly ventilated areas, sufficient air exchanges are still required to ensure the proper curing of any latex-based adhesive. 4269 meets all flammability requirements for a Class A Flame Spread Rating as per ASTM-E84. This product is not photo-chemically reactive as defined by California Rules 102 and 443.

SUB-FLOOR PREPARATION:

Follow all manufacturer's 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 Anhydrous Calcium Chloride Tests with moisture levels not to exceed three (3) pounds per One Thousand (1000) square feet per Twenty-Four (24) hours 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 Carpet Installation Standard 2009.

4269 is recommended for "Tile Over Tile" installations where the existing tile is well bonded and free of floor finish or waxes.

Although this adhesive can be brushed or roller coated the preferable method of application is by trowel having recommended notching.

4269 Clear Thin Spread can be utilized over residual cutback adhesives as long as the majority of the cutback adhesive is removed. Any residual adhesive should feel smooth with sub-floor showing through. Problems other than compatibility may occur if the residual adhesive is allowed to remain intact with no removal procedure.

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. Floor must be clean, dry and free from paint, dust or concrete curing compounds, etc.
2. Cracks and uneven surfaces must be filled with an approved latex underlayment compounds such as Parabond Micro Finish or PP-Plus. Parabond M-600 may be used if there is no evidence of moisture.
3. Adhesive and floor must be 65°F or higher.
4. Apply adhesive to the floor with recommended trowel in a thin uniform coat. Do not spread too thinly if applied by brush or roller.

Note: Trowel application is preferable.

5. Allow adhesive to dry until it loses its milky appearance and does not transfer to the finger when touched. This will take thirty minutes to one hour, depending on temperature and humidity. When dry, the adhesive is tacky. **NOTE: Dry times over non-porous substrates will take significantly longer.**
6. Tile may be installed once adhesive has dried and becomes tacky. Tile can be safely installed up to 24 hours later.
7. Install tile, carefully positioning material since tile will be difficult to slide once placed in adhesive. Rolling utilizing a 100 lb. 3-section floor roller will help achieve better initial adhesion.
8. Remove any excess adhesive from tile with fine steel wool and soapy water. Tools may be cleaned with Mineral Spirits or M-315 Cleaner.
9. Keep container tightly covered when not in use.

CLEAN-UP:

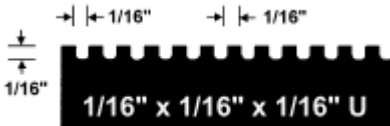
Water cleanable when wet. Mineral Spirits or M-315 Cleaner when dry.

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

COVERAGE AND TROWEL RECOMMENDATION:

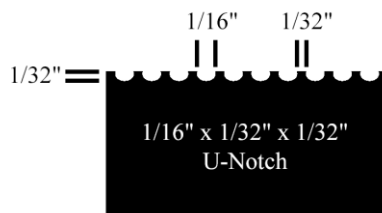
Porous Surfaces: Use 1/16" x 1/16" x 1/16" U Notch

Coverage is approximately 150 – 200 sq. ft/gallon depending on trowel and application.



Non Porous Surfaces: Use 1/16"W x 1/32"D x 1/32"S U notch trowel

Coverage is approximately 200-300 sq ft/gallon depending on trowel and application.



PHYSICAL PROPERTIES:

Freeze-Thaw 5 cycles @ 20°F
Shelf life One year @ 70°F in un-opened container
Open time Allow to dry until tacky to touch without transfer. Time will be 15 min. to 1 hour depending on temp., humidity & air flow.

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 < 1 gram/liter.
Grams of VOC per Liter of Coating < 1 gram/liter.

FOR MORE INFORMATION READ MATERIAL SAFETY DATA SHEET**KEEP OUT OF REACH OF CHILDREN****WARNING!!**

Do not sand, dry sweep, dry scrape, drill, saw, bead blast, or mechanically chip or pulverize existing resilient flooring, backing, lining felt, asphalt "cutback" adhesive, or other adhesive. These products may contain asbestos fibers and/or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the product is a non-asbestos containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content. RFCI's Recommended Work Practices for Removal of Resilient Floor Coverings are defined set of instructions addressed to the task of removing all resilient floor covering structures.

NOTICE:

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. For additional information contact PARA-CHEM's Technical Department at 800-763-7272 or RFCI at:

Resilient Floor Covering Institute
401 East Jefferson Street, Suite 102
Rockville, MD 20850
301-340-8580

1-YEAR WARRANTY

4269 is warranted against cohesive failure (loss of bond) and formulated so as not to discolor or cause adhesive-induced staining in today's felt or vinyl backed sheet flooring and/or vinyl composition floor tile for one year from the date of installation if flooring is professionally installed according to manufacturer's guidelines, CRI Carpet Installation Standard 2009, ASTM F-710 and RFCI suggested practices. This limited warranty covers materials and reasonable labor costs for one year (material meaning same type and grade if available). If unavailable or discontinued, Para-Chem reserves the right to pay dollar amount of initial purchase.

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 when stored at 70°F in unopened container.

3/20/2008

Corporate Headquarters • 863 SE Main Street • Simpsonville, SC 29681

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3/21/2011

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: Parabond 4269 Clear Thin Spread VCT 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</u>	<u>TLV</u>	<u>OSHA PEL</u>
None requiring reporting.					

SECTION 3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Eyes, Skin

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Can cause slight irritation, tearing, or redness.

SKIN CONTACT: No effects expected with brief exposure. Repeated, continuous overexposure may result in irritation, redness.

INGESTION: May cause discomfort to digestive system.

INHALATION: No effects expected.

CHRONIC: None known.

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

SECTION 4. FIRST AID MEASURES

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

SKIN CONTACT: Wash with soap and water.

INGESTION: Do not induce vomiting and call physician immediately.

INHALATION: Move person to fresh air.

SECTION 5. FIRE-FIGHTING MEASURES

FLASH POINT (°)F: None.

FIRE-FIGHTING INSTRUCTIONS: Water for dried material. Use protective clothing and self-contained breathing apparatus.

DECOMPOSITION PRODUCTS: Dried material may produce CO, CO₂, H₂O, and hydrocarbons.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Place back into container for use if uncontaminated. For contaminated product, scoop material into secure waste container. Dispense sand, sawdust, or vermiculite onto residue, collect and place in waste container. Wash area thoroughly with water.

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SECTION 7. HANDLING AND STORAGE

HANDLING: Use good hygienic practices. (Wash hands before eating, using washroom, or smoking.)

Product will adhere to skin and clothing. Keep away from 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: Wear safety glasses if contact with material is likely.

SKIN PROTECTION: Wear impervious synthetic rubber gloves where contact with material is likely.

RESPIRATORY PROTECTION: Not normally required with good ventilation.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F): 212

SPECIFIC GRAVITY (WATER = 1): 0.95

VAPOR PRESSURE: Same as water.

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

% VOLATILE BY WEIGHT: 50

pH: 9.4

APPEARANCE AND ODOR: Cream colored paste with mild 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.

SECTION 12. ECOLOGICAL INFORMATION

No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state and local regulations.

