



4330

Ultra Premium Floor Covering Adhesive

ENVIRONMENTAL/PERFORMANCE

- Solvent Free
- Non-Hazardous
- Non-Flammable
- PARAGUARD® Antimicrobial Protection
- Low odor / odorless when dry
- For heavy commercial use
- Excellent Moisture Resistance

DESCRIPTION

Signature Series 4330 is a non-flammable, premium grade white latex adhesive specially designed for installing most carpet and fibrous backed resilient floor covering in heavy commercial applications, as well as residential installations. Signature Series 4330 has out-standing green-strength and leg development, is non-staining, and has excellent long-term aged adhesion. Choose this adhesive for your more difficult jobs such as latex unitary, ActionBac®, Unibond and woven polypropylene. Signature Series 4330 can also be used to install urethane-backed carpeting, Accu-Bac®, Dura-Foam™ and the Enhancer® products.

Signature Series 4330 is **Not recommended** for vinyl backed carpet and vinyl cushion-backed sheet goods.

It 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 proper curing of any latex-based adhesive.

Signature Series 433 meets all flammability requirements for a Class A Flame Spread Rating as per ASTM E-84.

SUB-FLOOR PREPARATION:

This adhesive can be used over approved plywood, hardboard and all grades of concrete where moisture or moisture-related problems do not exist. The “tacky” installation method is preferred when installing over non-porous surfaces such as terrazzo, wax-free floor tile, and non-cushioned sheet goods. Allow the adhesive to tack up when installing urethane foam backed carpet. Contact the floor covering manufacturer for their recommendations regarding approved substrates and suggested procedures.

Follow Floor Covering Manufacturers guidelines for Installation procedures, rolling and seaming. Store the adhesive, floor covering, carpeting, etc. at 70°F for 24 hours before installing. Maintain installation site temperature at 70°F for 24 hours prior to and 48 hours after the installation. For carpet installation, take corrective action if relative humidity exceeds 65%. Prohibit traffic for a minimum of 24 hours after installation.

1. Sub-floor must be clean, dry, smooth, and free of any contamination that may interfere with the adhesive bond. Seal all chalky, very porous floors with an approved sealer such as Parabond M-620.
2. Patching of cracks and depressions must be made with a cement based patching compound such as Parabond Micro Finish or PP-Plus. Parabond M-600 may be used if there is no evidence of moisture.
3. Wood sub-floors must have a minimum 18” air space underneath with cross ventilation. Plywood, hardwood and oriented strand board used as sub-flooring must be flooring grade and installed in accordance to the manufacturer’s specifications.
4. Old wood floors must be checked for soundness and any loose boards must be re-nailed. Rough and uneven surfaces must be sanded smooth and sealed.

ISO 9001 Certified

Corporate Address: PO Box 127 • Simpsonville, SC 29681-0127 • 800-763-7272 • Fax: 864-228-1491
Manufacturing Facilities: Simpsonville, SC • Philadelphia, PA • Dalton, GA • Mansfield, TX • Adelanto, CA
www.parabond.com

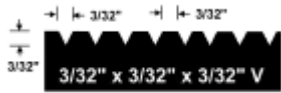
5. Sanded and new floors must be coated with a compatible sealer to provide a good glue-down surface.
6. Adhesive set-up time is greatly influenced by jobsite climatic conditions.
7. We require that moisture tests be performed on all concrete sub-floors regardless of grade level or age of slab. Moisture testing should be performed by ASTM F 1869 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 F 2170 In Situ Relative Humidity Test with readings not to exceed eighty (80) percent.

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

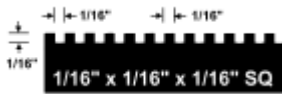
Trowel Recommendation and Coverage:



Heavy Carpet Backs
 Use 1/8" x 1/8" x 1/8" "V"
 60-120 Sq. Ft. / gallon



Moderate Carpet Backs
 Use 3/32" x 3/32" x 3/32" "V"
 80-120 Sq. Ft. / gallon



Sheet Goods
 Use 1/16" x 1/16" x 1/16" square
 150-200 Sq. Ft. / gallon

Clean Up:

Fresh adhesive can be removed immediately with a damp cloth. If adhesive has dried, use waterless hand cleaner or Mineral Spirits. Do Not allow solvent to penetrate the seams. Solvent will dissolve the adhesive bond.

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

PHYSICAL PROPERTIES:

Weight/Gallon 9.3
 Freeze Thaw Passes 5 cycles @ 0°F
 Consistency Light Paste
 Shelf Life One year@ 70°F in un-opened container

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

WARNING: Follow the RFCI's written instructions for removal of any material that may contain asbestos. For more information contact RFCI, 401 East Jefferson ST. Suite 102, Rockville, MD 20850 {301-340-8580}

LIMITED LIFETIME WARRANTY:

This limited warranty is your assurance that Parabond Signature Series 4330 meets our high standard of quality and excellence. Parabond 4330 is warranted against cohesive failure (loss of bond) and formulated so as not to discolor or cause adhesive induced staining in today's floor coverings.

Signature Series 4330 is guaranteed for the life of the floor covering up to 10 years. This warranty is valid only if all manufacturers' recommendations and industry standards such as those guidelines set forth in CRI-104, 105 ASTM F710 and RFCI guidelines are followed as they pertain to the type of floor covering being installed.

FILING A CLAIM:

If you believe you have a claim, the supplier from whom you purchased the adhesive should be notified and supplied with proof of purchase. Supplier will contact his or her Para-Chem representative who in turn will collect all information including labor cost and date of installation. Information collected will be reviewed and claims dispositioned within thirty days. Para-Chem reserves the right to physically inspect all installation prior to disposition of said claim.

(Shelf life limited to one year from date of manufacture, stored in an unopened container at 70°F).

Para-Chem excludes and will not pay consequential or incidental damages under this 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.

8/5/08

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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: SIGNATURE SERIES 4330
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>
Not hazardous as defined by OSHA 29 CFR 1910.1200.				

SECTION 3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Eyes, skin, inhalation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: May cause slight to moderate irritation depending on duration of contact.

SKIN CONTACT: May cause slight irritation with prolonged contact.

INGESTION: May cause discomfort, nausea, and diarrhea.

INHALATION: May cause slight discomfort.

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. 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, H₂O, N_xO, and other hydrocarbons.

MATERIAL SAFETY DATA SHEET

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SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Shovel or scoop material into secure container for re-use 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: Wear safety glasses or splash goggles if contact with material is likely.

SKIN PROTECTION: Wear 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): 1.12

VAPOR PRESSURE: Same as water.

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

% VOLATILE BY WEIGHT: 37

pH: 10.4

APPEARANCE AND ODOR: Light cream colored paste.

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.

