ANDERSON™
HARDWOOD FLOORS

BEAR HUG™
sundries

BEAR HUG™

PREMIUM URETHANE
WOOD FLOORING ADHESIVE

APPROVED FLOORING TYPES

- Multi-Ply Engineered Plank
- Acrylic Impregnated Multi-Ply Engineered Plank
- Plain-Back Parquet
- Exotic Multi-Ply Engineered Plank
- Acrylic Impregnated Plain-Back Parquet

FEATURES

- Moisture Cure Urethane Adhesive Membrane
- Up to 8 lbs of Moisture Vapor Transmission
- One-Part, One-Day System
- Permanent Bond
- Low Odor
- Remains Elastomeric
- Environmentally Friendly
- Concrete Moisture Control System
- Easy To Clean When Wet
- Contains No Water
- For on, above or below-grade installations
- Nonflammable
- Available in 4-Gallon Pails

TECHNICAL ASSISTANCE

Specification assistance is highly recommended prior to a proposed installation. Contact any Shaw technical representative for recommendations over existing substrates or problem areas.

INSTRUCTIONS

Read and understand all information below before installation. If there are any questions, please call **Shaw Industries at 1-800-441-7429**. It is the responsibility of the installer to determine proper drying time of the adhesive, how much set up time is needed for the adhesive, applicable trowel size for the product being installed and acceptability of subfloor conditions. The time it takes for the adhesive to cure is related to temperature, humidity, porosity of the subfloor, ventilation and air movement.

APPROVED SUBFLOORS FOR BEAR HUG™ PREMIUM URETHANE (CHECK PRODUCT LABEL FOR ADHESIVE ONLY APPROVED SUBFLOORS)

- **Concrete: On, above or below-grade**
- **Plywood (Note: When used over plywood, BEAR HUG™ PREMIUM URETHANE adhesive will not act as moisture control)**

GENERAL SUBFLOOR PREPARATION:

- **Preparation -** All floors should be flat to within 3/16" in 10 ft. or 1/8" in 6 ft.
- **Smooth and Flat -** Remove any high spots with a terrazzo grinder or Carborundum stone and fill any low spots with a good quality cementitious-based latex patch mix.
- **Clean -** It is required that all concrete sub floors be scoured with #3-1/2 open coat sandpaper to remove dirt or any surface contamination such as paint, grease, oil, sealers, waxes and curing compounds. Anderson Bear Hug™ Premium Urethane adhesive should not be used over these substances. Sweep or vacuum the subfloor before installation. Cutback adhesive residue must be completely removed by sandblasting, shot blasting or scarifying. Finish surface texture to light broom finished concrete.

CONCRETE SUBFLOORS:

Concrete should be at least 60 days old. Inspect the concrete before installing flooring over it. First, inspect for any wetness at the base of the drywall or for visible signs of moisture on the concrete. Second, test for moisture. Use a Calcium Chloride Test for reliable concrete testing. Anderson Bear Hug™ Premium Urethane adhesive is warranted for up to 8 lbs./1,000 ft 2/24 hrs, per the ASTM 1869 Calcium Chloride Method Test. Anderson Bear Hug™ Premium Urethane allows for up to 80% Relative Humidity (RH), per the ASTM 2179 Relative Humidity Test. Many wood flooring products can be installed over lightweight concrete (less than 3000 PSI), providing the surface is properly prepared. Follow the concrete manufacturer's recommendation for the application of a surface hardener/primer. Radiant heated subfloors should be turned off 24 hours prior to and during installation to prevent premature curing of the adhesive.

PLYWOOD SUBFLOORS:

Caution: *Subfloors with high moisture content may shrink at a later date causing cracks to appear in the wood floor.*

Before installing over a plywood subfloors, test for moisture using a reliable moisture meter such as the Tramex Wood Moisture Meter or

BEAR HUG™ hardwood adhesive

equivalent. The moisture content should not exceed 12%. If it is over 12%, either wait until the subfloor is drier or stabilize the subfloor with an additional layer of 1/4" plywood. All joints in subflooring materials should have 1/8" expansion space around all panels. If expansion space is not present, cut around and through the panel joints with a circular saw. When installing a plywood sheet subfloor over concrete use a 1/4" x 1/4" x 1/4" square notched trowel to apply adhesive. Score 3/8" deep every 8 to 10 inches on 4' x 4' sheets of 3/4" exterior. Set 4' x 4' sheets into wet adhesive. Apply weight as necessary and allow to cure overnight.

Anderson Bear Hug™ Premium Urethane adhesive
WOOD INSTALLATIONS FOR Anderson Bear Hug™ Premium Urethane adhesive (CHECK PRODUCT LABEL FOR ADHESIVE ONLY WOOD INSTALLATION INSTRUCTIONS)

Provide adequate ventilation and air movement. Ideally, installation should not begin until all wet work (painting, dry wall materials, etc.) is complete and the heating/air conditioning system is in operation. Job site temperature should be between 55 and 90 degrees Fahrenheit. Trowel only the amount of adhesive that can be covered in 30 minutes. Install wood flooring into wet adhesive immediately. Occasionally check for transfer to back of wood flooring. If adhesive transfer is less than 100% to the back of the plank, scrape up the adhesive and apply fresh Anderson Bear Hug™ Premium Urethane adhesive. Remove all defective or unsightly boards immediately. The adhesive is very tenacious and flooring is difficult to remove after the adhesive has cured. Make sure wood flooring is in complete and total contact with the adhesive. Apply weight to any bowed flooring and all floor mounted trim moldings.

LIMITATIONS FOR Anderson Bear Hug™ Premium Urethane adhesive: (CHECK PRODUCT LABEL FOR ADHESIVE ONLY WOOD INSTALLATION INSTRUCTIONS)

Anderson Bear Hug™ Premium Urethane adhesive is not recommended for use with solid wood or bamboo flooring. Anderson Bear Hug™ Premium Urethane adhesive is affected by humidity more than temperature. High humidity will cause the adhesive to cure faster and low humidity will slow the curing process. Do not use on wet, contaminated or friable substrates. After 8 or 12 hours, light traffic is allowed. Do not use as a leveling material. Do not use with gypsum based patches or underlayments in wet or moist environments. Anderson Bear Hug™ Premium Urethane adhesive may be used with gypsum based patches and underlayments in dry, above grade installations with minimum compressive strengths greater than 2,000 psi for engineered hardwood installation.

REUSE OF PARTIAL CONTAINERS:

Cover pail with plastic trash bag or two layers of plastic film. Put lid on tightly. Turn over pail. This will seal contents from outside air. To open container, take off lid, cut plastic and remove thin layer of cured adhesive on surface.

SHELF LIFE:

12 months when stored at 75ºF and 50% relative humidity.

CLEAN UP:

- Remove excess urethane adhesive as soon as possible before it dries on the flooring surface. Clean up as you go. Cured urethane adhesive is very difficult to remove.
- Never attempt to remove Anderson Bear Hug™ Premium Urethane adhesive from tools or flooring with water as this will cause the adhesive to cure more rapidly.
- Remove residue before it dries with Urethane Adhesive Remover.
- Clean Anderson Bear Hug™ Premium Urethane adhesive from floor and tools while still wet with a Urethane Adhesive Remover. If adhesive dries on floor finish carefully scrape excess adhesive with a plastic scraper. Avoid damaging the finish.
- Touch up any scratched finish with wood flooring manufacturer's repair finish.

PRECAUTIONS:

- Contains methylene diphenyl diisocyanate. May cause skin and/or eye irritation. May cause dermatitis and allergic responses. Potential skin and/or respiratory sensitizer. Inhalation of vapors may cause irritation and intoxication with headaches, dizziness, and nausea. See Material Safety Data Sheet for further information. Ingestion may cause irritation.
- **KEEP OUT OF REACH OF CHILDREN.** Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid breathing vapors. Use only with adequate ventilation. Use impervious gloves, eye protection and if TLV is exceeded or if used in a poorly ventilated area, use NIOSH/MSMA approved respiratory protection in accordance with applicable federal, state and local regulations. DO NOT take internally. Empty container may contain hazardous residues. All warning labels must be observed until container is commercially cleaned or reconditioned.

FIRST AID:

In case of eye contact, flush thoroughly with water for at least 15 minutes. **SEEK IMMEDIATE MEDICAL ATTENTION**. In case of skin contact, wash affected areas with soap and water. If irritation persists, **SEEK MEDICAL ATTENTION**. Remove and wash all contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists, **SEEK MEDICAL ATTENTION**.

TROWELS AND COVERAGE:

When Used as Adhesive only

Floor Type	Trowel	Coverage
multi-ply engineered plank 3/8" up to 1/2"	3/16" x 1/4" on 1/2" Centers V-Notch	60 sq. feet/gal.

When Used as a Moisture Control System

Floor Type	Trowel	Coverage
multi-ply engineered plank and plain-back parquet	1/4" x 3/16" V-Notch	30-35 sq. feet/gal.