

Wood Flooring Adhesive PSA-200

Pressure Sensitive Adhesive



Used For (Flooring Types): • Carpet Tile • Cork Tile • Cork/Rubber/Foam Underlayments • Fiberglass Backed Sheet Vinyl
Luxury Vinyl Tile/Plank • Rubber Flooring • Vinyl Sheet Goods (Heterogeneous/Homogeneous)

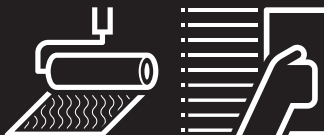
Features: • Helps Control Vinyl Plank Shrinkage • Moisture Control up to: 8 lbs./ASTM F1869 Calcium Chloride Test
- 90%/ASTM F2170 Relative Humidity Test • Permanent or Releasable Bond



VOC
Compliant



Moisture
Control



Roller or Trowel Applied



Helps Control
Vinyl Shrinkage



Bel-Air PSA-200 is a pressure sensitive adhesive designed for residential and light commercial resilient flooring installations. This eco-friendly adhesive has been formulated to provide high shear and peel strength for installing luxury vinyl tile (LVT), luxury vinyl plank (LVP), vinyl sheet goods (homogeneous and heterogeneous), fiberglass backed sheet goods, carpet tile, rubber flooring, cork tile and cork/rubber/foam underlayments. Bel-Air PSA-200 offers a very aggressive tack, high moisture resistance and can be roller or trowel applied. This zero VOC, zero solvent and CRI certified flooring adhesive can be utilized as a permanent, wet-set bond or releasable, dry-set bond installation.

- Meets and/or exceeds requirements of Section 01350 (CA) for indoor air quality
- Meets and/or exceeds requirements for SCAQMD Rule# 1168

Subfloor Requirements

- All subfloors must be smooth, dry, clean, flat and free of dirt, grease, wax, paint, oil or anything that would hinder a good bond. Trisodiumphosphate (TSP) can be used to clean vinyl surfaces. Concrete subfloors not meeting this standard must be scoured with 3 1/2 open coat paper (20 grit), then vacuumed clean.
- Do not install over old "cutback" petroleum adhesives. These must be removed completely or covered with Adhesive Isolation Membrane or a portland cement leveling compound.
- When installing flooring over gypsum based levelers, the gypsum must first be sealed/primed and allowed to dry prior to installation of flooring (see gypsum manufacturer's instructions for recommended sealer/primer).
- Complete drying of leveling compounds is critical before installation. While curing time may only take a few hours, the complete drying time of these compounds can take 24 hours or more. Please read manufacturer's instructions.
- Radiant heated subfloors should be turned off 24 hours prior to and during installation to prevent premature curing of the adhesive.
- Epoxy and poured vapor barriers may leave an oily residue after application, which should be removed. The vapor barrier's surface should be abraded or lightly sanded and cleaned thoroughly. When installing over a non-porous subfloor, additional flash off is needed.
- When using new sheet vinyl as a moisture barrier over concrete, a vinyl primer must be applied. Refer to manufacturer's instructions and limitations. • If there is a concern about adhesion to any subfloor, install a test area before installing the entire floor.
- Subfloors must be flat to 3/16" in a 10' radius or 1/8" within a 6' radius.
- Remove any high spots with a terrazzo grinder or sander and fill any low spots with a good quality cementitious based latex patch mix.
- Thorough examination for excessive moisture in all subfloors is essential.
- Look around for visible water stains on the drywall and subfloor, particularly on concrete. Bel-Air Wood Floors does not warrant the installation of Bel-Air PSA-200 adhesives over non-approved concrete sealers and coatings. For more information contact Bel-Air Wood Floors Technical Services

Clean Up

Wet adhesive can be removed with a damp cloth. Dried Bel-Air PSA-200 can be removed with mineral spirits or a safe solvent. Hands and tools may be cleaned with "waterless hand cleanser" available at hardware and auto supply stores..

LVT and LVP Installation Instructions

The adhesive, floor covering and area to receive flooring must be maintained at a temperature of 65°-95°F and at a relative humidity of 35%-65% for 72 hours before, during and after installation. Follow the flooring manufacturer's guidelines regarding site conditions and installation. Roll the flooring during and immediately after installation.

Porous Surfaces: May be used as a wet-lay method or a pressure sensitive adhesive over porous surfaces. To use wet, apply adhesive with the recommended trowel and allow to flash off for 5-10 minutes before installing flooring. Lay tile or plank into wet adhesive according to flooring manufacturer's instructions. Adhesive must transfer to floor product to ensure proper bond. For wet-lay installations, please wait 8 hours before allowing traffic. To use as a pressure sensitive adhesive, allow the adhesive to dry to a tacky state and then install flooring according to flooring manufacturer's instructions.

Non-Porous Surfaces: Tile & Plank: Apply adhesive with the recommended trowel and allow to dry completely. Lay in the tile or plank according to the flooring manufacturers instructions. The highly aggressive pressure sensitive grip prevents slippage and minimizes seam gaps. Drying time is 45-60 minutes and will vary depending on temperature and humidity. Installation over areas of incomplete drying can result in job failure. For flash off installations, traffic can begin immediately.

LVT and LVP Trowel Sizes

- Over Porous Substrates - TR-8, 1/16" x 1/16" x 1/16" Square Notch (up to 200 square feet per gallon)
- Over Non-Porous Substrates - TR-13, 1/16" x 1/32" x 1/32" U Notch (Approx. 300 square feet per gallon)

Vinyl Sheet Goods (homogeneous and heterogeneous) and Rubber Flooring Installation Instructions. The adhesive, floor covering and area to receive flooring must be maintained at a temperature of 65°-95°F and at a relative humidity of 30%-60% for 72 hours before, during and after installation. Follow the flooring manufacturer's guidelines regarding site conditions and installation.

Porous Surfaces

May be used either wet or as a pressure sensitive adhesive over porous surfaces. To use wet, apply adhesive with the recommended trowel and allow to flash off for 10-15 minutes before installing flooring. Lay tile, plank or sheet goods into wet adhesive according to flooring manufacturer's instructions. Adhesive must transfer to floor product to ensure proper bond. To use as a pressure sensitive adhesive, dry to a tacky state and then install flooring according to flooring manufacturer's instructions within 3 hours.

Non-Porous Surfaces

Apply with the recommended trowel. When installing sheet goods over non-porous surfaces, Bel-Air PSA-200 must be allowed to set open for up to 30 minutes until dry-to-touch. (Dry-to-touch is tacky but no transfer to fingers). Time required will vary with ambient conditions. Adhesive must be open enough to dry on the surface but still allow 100% wet transfer to the back of the sheet goods to ensure proper adhesion and reposition.

Rubber Tile, Vinyl & Rubber Stair Treads Trowel Sizes

Over Porous Substrates - TR-8, 1/16" x 1/16" x 1/16" Square Notch (Approx. 250 square feet per gallon)
Vinyl Sheet Goods, Rubber Sheet Goods Trowel Sizes
Over Porous Substrates - TR-13, 1/16" x 1/32" x 1/32" U Notch (Approx. 300 square feet per gallon)
Rubber Tile, Vinyl & Rubber Stair Treads Trowel Sizes
Over Non-Porous Substrates - TR-13, 1/16" x 1/32" x 1/32" U Notch (Approx. 300 square feet per gallon)
Vinyl Sheet Goods, Rubber Sheet Goods Trowel Sizes
Over Non-Porous Substrates - 1/16" x 1/32" x 5/64" U Notch (Approx. 400 square feet per gallon)

NOTE: When installing homogeneous sheet vinyl, it is recommended to trowel the adhesive, then back roll with a short-nap paint roller to minimize the possibility of trowel ridge telegraphing.

Cork Tile Installation Instructions

- Check with cork manufacturer for moisture testing, acclimation and other special installation instructions.
- Area to receive flooring should always acclimate to "live in" temperature and humidity conditions.

When installing cork flooring using Bel-Air PSA-200, the adhesive must be used as a contact adhesive. Begin by spreading Bel-Air PSA-200 on the subfloor using the appropriate trowel and allow the adhesive to completely dry. Ensuring the adhesive is thoroughly dry will help prevent moisture being transferred to the tile. Drying time will vary with the temperature and humidity conditions. After the adhesive has thoroughly dried on the sub-floor apply a thin coat of adhesive to the back of the cork tiles using a paint bush or paint roller. Allow adhesive on the back of the cork to completely dry as well, prior to installing the cork tile to the substrate. Roll the flooring during and immediately after installation. Allow for recommended expansion space.

Cork Trowel Sizes

- Cork tiles up to 1/4" in thickness use TR-3, 3/32" x 3/32" x 3/32" V Notch (Approx. 120 square feet per gallon)
- Cork tiles greater than 1/4" in thickness use TR-5, 1/8" x 1/8" x 1/8" U Notch (Approx. 80 square feet per gallon)

Approved Cork/Rubber/Foam Underlayment Installation Instructions

- Unroll underlayment and cut sections approximately 2" wide off roll. Vertically adhere this isolation barrier around the perimeter of the entire floor with Bel-Air PSA-200.
- Never mechanically fasten the isolation barrier with screws, nails or staples as this will severely diminish the acoustical values of the barrier.
- Cut underlayment to length and lay loosely over the area to be installed. Both ends of the roll must curl down towards the subfloor, if they curl up, turn the underlayment over. Butt the underlayment directly against the isolation barrier already installed.
- Pull the loose laid material back at least half the length of the roll. Allow Bel-Air PSA-200 to flash for 20-30 minutes prior to placing underlayment into adhesive. Upon placing underlayment into the adhesive, roll both ways with a 100 lb roller. Repeat the installation for the other half of the subfloor, insuring all joints are butted together tightly.
- Allow adhesive to set prior to proceeding to flooring installation. It is highly recommended to allow at least 18 hours prior to installation of the flooring.

Approved Underlayment Trowel Sizes

- Underlayment 1/4" or less - TR-3, 3/32" x 3/32" x 3/32" V Notch (Approx. 120 square feet per gallon)
- Underlayment greater than 1/4" - TR-5, 1/8" x 1/8" x 1/8" Square Notch (Approx. 80 square feet per gallon)

Bel-Air Flooring Products requires the use of moisture tests on all concrete and wood subfloors. It is important that the subfloor's moisture percentages do not exceed the flooring manufacturer's or Bel-Air's recommendations, whichever is lowest. If excessive moisture is present use an appropriate vapor barrier. All moisture tests must be documented prior to installation for Bel-Air Warranty to be in effect.

After moisture testing of the concrete subfloor is complete, if moisture is above limitations, a Bel-Air Concrete Moisture Control System is required. For more information, contact Bel-Air Flooring Products.

- The maximum level for moisture emission when installing all approved resilient flooring is 8 pounds per 1,000 square feet over 24 hours, per the ASTM F1869 Calcium Chloride Method Test and up to 85% Relative Humidity (RH), per the ASTM F2170 Relative Humidity Test.

- Moisture content should not exceed 12%. Read flooring manufacturer's moisture standards. A moisture meter can also be used to measure moisture in concrete. Follow the instructions carefully. Moisture meters measure wood and concrete differently.

Ventilation

Installers should provide adequate cross-ventilation during and for 24 hours after installation.

Keep From Freezing

It is necessary to keep from freezing. If the adhesive freezes, it cannot be used. It will become difficult to trowel, lumpy (or solid) and will not adhere to the floor.

Caution

Avoid eye contact. In case of eye contact, flush eye with clean water for fifteen minutes. If irritation persists, get medical attention. Use with adequate ventilation. Keep out of reach of children.

Installer Responsibility

It is the responsibility of the installer to determine proper drying time of the adhesive, trowel size to be used and acceptability of subfloor conditions. Installations must also be in accordance with flooring manufacturers recommendations. Only flooring that is approved for glue down installations by the flooring manufacturer can be used with Bel-Air PSA-200. Floors installed with Bel-Air PSA-200 are not warranted against damage caused by wet mopping, flooding, plumbing leaks or other extraordinary circumstances. For any installation not herein recommended, contact Bel-Air Wood Flooring Products before proceeding.