Ever Bond™ PSA Super

Supreme, Pressure-Sensitive Flooring Adhesive

PRODUCT DESCRIPTION

Ever Bond PSA Super is an extremely aggressive, pressure-sensitive adhesive that is designed for the installation of a wide variety of flooring types, including engineered wood flooring, resilient flooring and carpet tile. *Ever Bond PSA Super* has been specifically formulated to provide extended working time and can be applied using a trowel or roller, depending on the level of tack required for the flooring being installed. The product has low odor and low VOCs.

FEATURES AND BENEFITS

- Dries quickly with aggressive tack
- Up to 12 hours of working time
- Low odor and low VOCs
- Excellent green strength
- Rebondable; reduces hollow spots
- Easy to trowel; holds trowel ridges without slump
- Easy to clean off of wood, with no residual evidence

USES

- Approved for use with vinyl composition tile (VCT); vinyl-backed and polyolefin-backed carpet tile; luxury vinyl tile and plank; vinyl-enhanced tile; multi-ply engineered plank and wood flooring, at any length or width; parquet flooring (plain-back, acrylic impregnated plain-back, finger-block and foam-backed); foam-backed multi-ply engineered plank; solid vinyl sheet flooring; acrylic impregnated multi-ply engineered plank; bio-based tile; fiberglass-reinforced vinyl sheet flooring; cork tile; quartz tile; and cork, rubber and foam underlayments.
- For interior residential (rental apartments, condominiums and homes)
- For interior commercial (office buildings, hotel rooms/hallways and restaurant dining areas)

- For interior heavy commercial (hotel lobbies, convention centers, airports and department stores)
- For interior institutional (schools, universities, libraries and government buildings)

SUBSTRATE REQUIREMENTS

All substrates must be structurally sound, dry, solid and stable. The substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion. All surfaces must be level, even, smooth and flat to 3/16" in a 10-foot span (4.5 mm in a 3.05-m span). Consult Technical Services for installation recommendations regarding substrates and conditions not listed.

SUITABLE SUBSTRATES

- Exterior-grade plywood, Group 1, CC type; other approved wood underlayments (per flooring manufacturer's recommendations); concrete (at least 28 days old) and properly prepared cement terrazzo; cement-based self-leveling underlayments and patching compounds; embossing levelers applied over existing, properly prepared and fully bonded ceramic tile or vinyl composition tile (VCT); properly installed radiant-heat systems that are maintained at a maximum surface temperature of 85°F (29°C); and properly prepared and primed gypsum underlayments that meet the requirements for compressive strength according to ASTM F2419

See the "Surface-Preparation Requirements: Wood Adhesives" document from North American Adhesives (NAA) at www.na-adhesives.com.

LIMITATIONS

- Do not install over substrates containing asbestos.
- For interior installations only
- Do not use in applications that are subject to heavy rolling loads (e.g., hospital beds).

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- Install flooring only in areas recommended by the flooring manufacturer.

- Do not install into wet adhesive over nonporous substrates.

- Do not use to install luxury vinyl tile or plank with known dimensional stability issues.

- Do not use to install luxury vinyl tile or plank in areas subject to high heat or direct sunlight.

- Do not apply over any adhesive residues, including cutback adhesive.

MIXING

Consult the Safety Data Sheet for safe-handling instructions.

- Ready to use; no mixing is necessary.

APPLICATION

Refer to the flooring manufacturer's guidelines for acclimation requirements and complete installation instructions. Read all installation instructions thoroughly before installation.

Resilient flooring and carpet tile

1. Select the appropriately notched trowel (see the "Approximate Coverage" chart) and spread the adhesive evenly over the subfloor, keeping the trowel at a 45-degree angle to the subfloor.

2. On nonporous substrates, allow the adhesive to remain uncovered for 30 to 60 minutes or until it is dry to the touch, and then place the flooring.

3. On porous substrates, flooring can be installed into semi-wet adhesive, or allow the adhesive to remain uncovered for 30 to 60 minutes until it is dry and does not transfer to the finger when touched.

4. Only apply as much adhesive as can be installed within 12 hours. Protect the exposed adhesive from dust and debris, which will inhibit proper bond and decrease tack.

5. Roll the flooring according to the manufacturer's recommendations.

6. Clean adhesive smudges from the flooring surface and tools with water while the adhesive is fresh/wet.

Wood flooring

1. Select the appropriately notched trowel (see the "Approximate Coverage" chart) and spread the adhesive evenly over the subfloor, keeping the trowel at a 45-degree angle to the subfloor. The adhesive must remain slightly wet during installation; do not allow it to dry completely, which would make the flooring placement very difficult.

2. Only apply as much adhesive as can be installed within 2 hours.

Cork tile

1. Select the appropriately notched trowel (see the "Approximate Coverage" chart) and spread the adhesive evenly over the subfloor, keeping the trowel at a 45-degree angle to the subfloor.

2. Allow the adhesive to remain open until completely dry. When dry, the adhesive will appear translucent and will not transfer to the touch if pressed.

3. Apply a light coating of the adhesive to the back of the cork tile using a good-quality paint brush or a paint roller with a 1/4" (6-mm) nap. Allow the adhesive to dry completely.

4. Only apply as much adhesive as can be installed within 12 hours.

5. Carefully place the cork tile into the dried adhesive on the substrate. The grab between these two materials will be extremely strong, so accurate placement is recommended because secondary movement will be very difficult.

6. Using a 100-lb. (45.4-kg) roller, immediately roll the installed cork flooring in both directions (north-south and east-west).

Cork underlayment

1. Cut 2" (5-cm) strips of cork from the roll and bond it vertically to the base of the perimeter wall structures using *Ever Bond PSA Super*.

2. Place the cork underlayment on the floor and cut it to fit. Cork ends must curl down toward the floor. If the ends curl up, flip the cork over.

3. Pull back half of the underlayment, select the appropriately notched trowel (see the "Approximate Coverage" chart) and spread the adhesive evenly over the subfloor, keeping the trowel at a 45-degree angle to the subfloor.

4. Apply only as much adhesive as can be installed within 2 hours. Protect the open adhesive from dust and debris, which will inhibit proper bond and decrease tack.

5. Repeat Steps 3 through 4 for the other half of the underlayment.

6. Using a 100-lb. (45.4-kg) roller, immediately roll the installed cork underlayment in both directions (north-south and east-west).

PROTECTION

- Protect the finished installation from light traffic for at least 12 hours and from heavy traffic for at least 24 hours.

- Protect containers from freezing in transit and storage. If frozen, material should not be stirred until it has completely thawed. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

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Product Characteristics at 73°F (23°C) and 50% relative humidity

Color	Off-white
Packaging	Pail: 4 U.S. gals. (15.1 L) Pail: 1 U.S. gal. (3.79 L) Pail: 1 U.S. qt. (946 mL)
Solids content	54% to 60%
VOCs (Rule #1168 of California's SCAQMD)	< 10 g per L
VOCs (Section 01350 of California's CDPH)	Passed
Density	8.3 lbs. per U.S. gal. (0.99 g per mL)
Adhesive type	Acrylic latex
Consistency	Smooth paste
Shelf life	2 years when stored in original, unopened packaging
Storage conditions	50°F to 90°F (10°C to 32°C)

Application Characteristics
at 73°F (23°C) and 50% relative humidity

Flash time over porous substrates*	10 to 15 minutes, or semi-wet; 30 to 60 minutes, or until dry to touch
Flash time over nonporous substrates*	30 to 60 minutes, or until dry to touch
Flash point (Tag)	> 201°F (94°C)
Working time*	
Engineered wood flooring	Up to 2 hours
Cork tile	Up to 12 hours
Cork underlayment	Up to 2 hours
Carpet tile	Up to 12 hours
Luxury vinyl tile and plank, foam-backed parquet, finger-block parquet and VCT	Up to 12 hours

* Working time and flash time may vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.

Approximate Coverage**

Flooring Type	Typical Application Tool	Coverage Per 1 U.S. Gal. (3.79 L)	Coverage Per 4 U.S. Gals. (15.1 L)	Coverage Per 1 U.S. Qt. (946 mL)
Engineered wood plank	3/16" x 1/4" x 1/2" (4.5 x 6 x 12 mm), V-notch	50 to 60 sq. ft. (4.65 to 5.57 m^2)	200 to 240 sq. ft. (18.6 to 22.3 m^2)	12.5 to 15 sq. ft. (1.16 to 1.39 m^2)
Cork tile > 1/4" (6 mm) thick and finger-block parquet	1/8" x 1/8" x 1/8" (3 x 3 x 3 mm), U-notch	70 to 80 sq. ft. (6.50 to 7.43 m^2)	280 to 320 sq. ft. (26.0 to 29.7 m^2)	17.5 to 20 sq. ft. (1.63 to 1.86 m^2)
Cork tile < 1/4" (6 mm) thick, foam-backed parquet and cork underlayment	3/32" x 3/32" x 3/32", V-notch	50 to 70 sq. ft. (4.65 to 6.50 m^2)	200 to 280 sq. ft. (18.6 to 26.0 m^2)	12.5 to 17.5 sq. ft. (1.16 to 1.63 m^2)
Luxury vinyl tile and plank, bio-based tile, vinyl-enhanced tile, VCT and solid vinyl sheet flooring	On porous/rough substrates: 1/16" x 1/16" x 1/16" (1.5 x 1.5 x 1.5 mm), square-notch On nonporous/smooth substrates: 1/16" x 1/32" x 1/32" (1.5 x 1 x 1 mm), U-notch	On porous/rough substrates: 125 to 185 sq. ft. (11.6 to 17.2 m^2) On nonporous/smooth substrates: 185 to 245 sq. ft. (17.2 to 22.8 m^2)	On porous/rough substrates: 500 to 740 sq. ft. (46.5 to 68.7 m^2) On nonporous/smooth substrates: 740 to 980 sq. ft. (68.7 to 91.0 m^2)	On porous/rough substrates: 31 to 46 sq. ft. (2.88 to 4.27 m^2) On nonporous/smooth substrates: 46 to 61 sq. ft. (4.27 to 5.67 m^2)
Vinyl-backed and polyolefin-backed carpet tile, and fiberglass-reinforced sheet vinyl	1/16" x 1/32" x 1/32" (1.5 x 1 x 1 mm), U-notch 1/4" (6 mm), nap roller	185 to 245 sq. ft. (17.2 to 22.8 m^2) 250 to 350 sq. ft. (23.2 to 32.5 m^2)	740 to 980 sq. ft. (68.7 to 91.0 m^2) 1,000 to 1,400 sq. ft. (92.9 to 130 m^2)	46 to 61 sq. ft. (4.27 to 5.67 m^2) 62.5 to 87.5 sq. ft. (5.81 to 8.13 m^2)

** Trowel dimensions are depth/width/space. Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions, type of trowel used and setting practices.

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