



**North American**  
**ADHESIVES®**

# Ever Bond™ PSA Plus

## Transforming, Pressure-Sensitive, Solid Vinyl Sheet Adhesive



### PRODUCT DESCRIPTION

*Ever Bond PSA Plus* is a high-performance, wet-lay and “transforming” pressure-sensitive adhesive that is designed specifically for installing homogeneous and heterogeneous solid vinyl flooring. With its strong, durable, moisture-resistant and alkali-resistant bond, it is ideal for commercial and institutional applications. *Ever Bond PSA Plus* has an excellent open time, develops strength quickly, performs well under rolling loads and resists indentation. After the working time is over and as the tackiness of the product starts to dissipate, the shear strength and bond strength will start to increase. This “transforming” change happens slowly and bond strength continues to climb slowly even weeks after the initial installation. *Ever Bond PSA Plus*'s low volatile organic content and low odor make it ideal for use in occupied buildings such as hospitals and medical centers.

### FEATURES AND BENEFITS

- Hard-setting and resistant to indentation
- Plasticizer migration resistant for use with all solid vinyl flooring
- Easy trowelability for quick installation

### USES

- For the installation of homogeneous sheet vinyl (solid PVC sheet flooring), vinyl tile, luxury vinyl tile (solid PVC tile), vinyl plank and heterogeneous solid vinyl flooring
- For interior residential (rental apartments, condominiums and houses)
- For interior commercial (office buildings and cafeterias)
- For interior heavy commercial (shopping malls, grocery stores and department stores)
- For interior institutional (hospitals, schools, universities, libraries and government buildings)

### SURFACE PREPARATION

- 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, flat and smooth.

### SUITABLE SUBSTRATES (properly prepared)

- Exterior-grade plywood, Group 1, CC type
- Other approved wood underlayments (per manufacturer recommendations)
- Concrete 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 and fully bonded vinyl composition tile (VCT) – one layer only
- Properly prepared and primed gypsum underlayments that meet the ASTM F2419 requirements for compressive strength
- Radiant-heat systems that have been properly installed

Consult Technical Services for installation recommendations regarding substrates and conditions not listed.

### LIMITATIONS

- Do not install over any substrates containing asbestos.
- For interior installations only
- Do not use to install nonporous floor coverings over nonporous surfaces.
- Do not apply over any adhesive residues, including cutback adhesive.
- Do not install when the MVER exceeds 8 lbs. per 1,000 sq. ft. (3,63 kg per 92,9 m<sup>2</sup>) per 24 hours, when using the anhydrous calcium chloride test (ASTM F1869).
- Do not install when the relative humidity of concrete slabs exceeds 90% (ASTM F2170).
- Use only when the substrate temperature is between 50°F and 90°F (10°C and 32°C).



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## MIXING

Consult the Safety Data Sheet for safe-handling instructions.

- Ready to use; no mixing is necessary.

## APPLICATION

Read all installation instructions thoroughly before installation.

1. Select a 1/32" x 1/16" x 1/32" (1 x 1,5 x 1 mm) U-notch trowel.
2. Spread adhesive evenly over the subfloor, keeping the trowel at a 45-degree angle to the subfloor. Do not spread more adhesive than can be installed within 1 hour for solid vinyl sheet, or within 2 hours for vinyl tile and vinyl plank. For flash time and working time, refer to the "Application Characteristics over Nonporous Substrates" chart.
3. Install flooring per the flooring manufacturer's instructions.
4. Roll the flooring with the recommended-weight roller across the width and length of the flooring surface.

## CLEANUP

- Promptly clean any adhesive smudges from the flooring material's surface with water while the adhesive is still fresh/wet. Clean tools with water while the adhesive is still fresh/wet.
- Clean with mineral spirits once adhesive has dried. Use caution with mineral spirits, which may be harmful to some materials.

## PROTECTION

- After flooring is installed, protect from light traffic for 24 hours and from heavy traffic for 72 hours.
- Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

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Product Characteristics	
Color	Off-white
Packaging	Pail: 4 U.S. gals. (15,1 L)
Polymer type	Vinyl acrylic
Solids content	55% to 65%
VOCs (Rule #1168 of California's SCAQMD)	34 g per L
VOCs (Section 01350 of California's CDPH)	Passed
pH	7 to 9
Trowelability	Light
Density	8.3 lbs. per 1 U.S. gal. (3,76 kg per 3,79 L), +/- 0.8 1.0 g per mL (+/- 0.1)
Consistency	Creamy
Shelf life	2 years when stored in original, unopened packaging at 73°F (23°C)
Storage conditions	40°F to 100°F (4°C to 38°C)
Flash point (ASTM D56)	> 212°F (100°C)

Application Characteristics over Porous Substrates		
	Flash Time <sup>†</sup>	Working Time <sup>††</sup>
Solid vinyl sheet	0 to 15 minutes	30 to 60 minutes
Vinyl tile	15 to 30 minutes or until dry to touch	2 hours
Vinyl plank	15 to 30 minutes or until dry to touch	2 hours

<sup>†</sup> *Flash time: The amount of time recommended for the adhesive to remain exposed to air following application before the installation of floor covering.*

<sup>††</sup> *Working time: The maximum amount of time that an adhesive can remain exposed to air and still effectively bond to the floor covering.*

Note: Flash time and working time may vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.

Approximate Coverage*		
Flooring Type	Typical Trowel	Coverage
Vinyl sheet, tile and plank	1/32" x 1/16" x 1/32" (1 x 1,5 x 1 mm), U-notch	185 to 245 sq. ft. per U.S. gal. (4,53 to 6,0 m <sup>2</sup> per L)

\* *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.*

Industry Standards and Approvals	
RFCI IP #1, Recommended Installation Practice for Homogeneous Sheet Flooring	
LEED v4 Points Contribution	LEED Points
Health Product Declaration (HPD)**	Up to 2 points
Additional Green Certifications	
CRI Green Label Plus #GLP02616. Refer to the CRI's Website at <a href="http://www.carpet-rug.org">www.carpet-rug.org</a> for additional information.	

\*\* *Using this product may help contribute to LEED certification of projects in the category shown above. Points are awarded based on contributions of all project materials.*



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Refer to the Safety Data Sheet for specific data related to health and safety as well as product handling. For the most current product data and warranty information, visit [www.na-adhesives.com](http://www.na-adhesives.com).

PR: 8657 MKT: 17-2486

## LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in effect at the time of the NAA product installation. For the most up-to-date TDS and warranty information, visit our Website at [www.na-adhesives.com](http://www.na-adhesives.com). **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED NAA WARRANTIES.**

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