



North American
ADHESIVES®

Carpet Lock™ Plus

Commercial Multipurpose Adhesive



PRODUCT DESCRIPTION

Carpet Lock Plus commercial-grade multipurpose adhesive is a superior-performing floor-covering adhesive, specifically designed for hard-to-bond synthetic carpet backings such as latex unitary and Actionbac®, as well as most felt-backed resilient floor coverings. This high-tack adhesive grabs quickly, permits ample open time and provides an exceptionally strong permanent bond. *Carpet Lock Plus* contains a small amount of solvent for faster performance and enhanced bonding characteristics.

FEATURES AND BENEFITS

- High solids and high tack
- Non-staining
- Ready to use; no mixing

USES

- For resilient floor coverings (felt-backed vinyl sheet flooring, linoleum, and vinyl composition tile [VCT]; VCT should be installed within 2 hours after adhesive application)
- For carpets (jute, polypropylene, urethane foam back, sponge rubber, latex foam, Actionbac®, KangaBACK®, hot melt, woven, needle-punched, and latex or urethane unitary-backed carpets)
- For direct and double-glue carpet installations (carpet to pad, pad to floor)
- For residential interiors (apartments, condominiums and houses)
- For commercial interiors (office buildings, hotel rooms and hallways, restaurant dining areas and retail stores)
- For institutional interiors (schools, libraries, government buildings, hospitals and universities)

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

SUITABLE SUBSTRATES (properly prepared)

- Exterior-grade plywood, Group 1, CC type
- Other approved wood underlayments (per flooring manufacturer's 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 sheet vinyl
- Single layer of properly prepared, fully bonded VCT
- Properly prepared and primed gypsum underlayments that meet the requirements for compressive strength according to ASTM F2419

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 apply over any adhesive residues, including cutback.
- Do not install when the moisture vapor emission rate (MVER) exceeds 3 lbs. per 1,000 sq. ft. (1,36 kg per 92,9 m²) per 24 hours, when using the anhydrous calcium chloride test (ASTM F1869).
- Do not install when the relative humidity (RH) of the concrete slab exceeds 90% (ASTM F2170).
- Use only when the substrate temperature is between 50°F and 90°F (10°C and 32°C).
- Do not use to install vinyl-backed flooring.



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MIXING

Consult the Safety Data Sheet for safe-handling instructions.

- Ready to use; no mixing is necessary.

APPLICATION

1. Select the appropriate notched trowel (see the "Approximate Coverage" section).
2. Spread adhesive evenly over the subfloor, keeping the trowel at a 45-degree angle to the subfloor.
3. Allow adhesive to flash up to 15 minutes before installing flooring.
4. Install flooring. Do not apply more adhesive than can be installed within 15 to 30 minutes.
5. 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. Use mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials.
- Clean tools with water while the adhesive is still fresh/wet. Use mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials.

PROTECTION

- 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	Light beige
Packaging	Pail: 4 U.S. gals. (15,1 L)
Polymer type	Styrene-butadiene rubber (SBR)
Solids content	58% to 62%
VOCs (Rule #1168 of California's SCAQMD)	56 g per L
Shelf life	2 years in original, unopened container
Flash point (Tag)	> 200°F (93°C)
Storage conditions	50°F to 90°F (10°C to 32°C)

Application Characteristics over porous subfloors		
	Flash Time [†]	Working Time ^{††}
Carpet and felt-backed vinyl sheet flooring	Up to 15 minutes	15 to 30 minutes

[†] *Flash time: The amount of time recommended for the adhesive to remain exposed to the air following application before the installation of floor covering.*

^{††} *Working time: The maximum amount of time that an adhesive can remain exposed to the air and still effectively bond to the floor covering.*

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

Approximate Coverage*		
Flooring Type	Typical Trowel Size	Coverage Per 1 U.S. Gal. (3,79 L)
Rough-backed and ribbed carpet	1/8" x 1/8" x 1/16" (3 x 3 x 1,5 mm), V-notch trowel	90 to 100 sq. ft. (8,36 to 9,29 m ²)
Smooth-backed carpet and felt-backed sheet vinyl	1/16" x 1/16" x 1/16" (1,5 x 1,5 x 1,5 mm), square-notch trowel	135 to 145 sq. ft. (12,5 to 13,5 m ²)
Lightweight felt-backed sheet vinyl	1/16" x 1/32" x 1/32" (1,5 x 1 x 1 mm), U-notch trowel	250 sq. ft. (23,2 m ²)
Loosely woven, jute and Actionbac	3/32" x 3/32" x 3/32" (2,5 x 2,5 x 2,5 mm), V-notch trowel	140 to 150 sq. ft. (13,0 to 13,9 m ²)
All double-glue installations (carpet to pad)	3/16" x 1/8" x 1/8" (4,5 x 3 x 3 mm), U-notch trowel	72 to 90 sq. ft. (6,69 to 8,36 m ²)

* *Coverage shown is for estimating purposes only. Actual coverage depends on substrate profile and porosity, equipment used, thickness applied, temperature and humidity.*

Industry Standards and Approvals	
<ul style="list-style-type: none"> • CRI #104, Standard for Installation of Commercial Carpet • CRI #105, Standard for Installation of Residential Carpet 	
LEED v4 Points Contribution	LEED Points
Health Product Declaration (HPD)**	Up to 2 points

** *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.

PR: 8523 MKT: 17-1912

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. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED NAA WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**