



North American
ADHESIVES®

Multi Lock™ Super

Commercial, Rapid-Set, Multipurpose Flooring Adhesive



PRODUCT DESCRIPTION

Multi Lock Super is a high-performing floor-covering adhesive that is specifically designed for hard-to-bond carpets as well as most felt-backed resilient floor coverings. Its high-solids formulation is great for use in the wet-lay installation method, so that no flash time is required. This high-tack adhesive grabs quickly, permits ample open time and provides an exceptionally strong permanent bond. *Multi Lock Super* is perfectly suited for use in high-commercial traffic conditions.

FEATURES AND BENEFITS

- Ultra high solids for rapid setting and drying times
- Strong bond and fast grab
- Low-odor formula for use in occupied buildings
- Excellent rebond properties
- High moisture resistance – up to 8 lbs. (3,63 kg) in moisture vapor emission rate (MVER)
- Ready to use; no mixing required

USES

- Approved for:
 - **Carpets:** jute, polypropylene (ActionBac®), urethane foam back, sponge rubber, latex foam, 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)
 - **Resilient floor coverings:** felt-backed vinyl sheet goods, linoleum and vinyl composition tile (VCT)
- For interior residential (rental apartments, condominiums and homes)
- For interior commercial (office buildings, hotel rooms and hallways, and restaurant dining areas)
- For interior heavy commercial (hotel lobbies, convention centers, airports and department stores)

- For interior institutional (hospitals, 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, flat and smooth.

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
- Properly prepared and primed gypsum underlayments that meet the ASTM F2419 requirements for compressive strength

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 use to install solid vinyl flooring products.
- Do not use to install vinyl-backed or rigid rubber-backed flooring products.
- Do not apply over any adhesive residues, including cutback.



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- Do not install when the MVER exceeds 8 lbs. per 1,000 sq. ft. (3,63 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 concrete slabs exceeds 95% (ASTM F2170).
- Use only when the substrate temperature is between 50°F and 90°F (10°C and 32°C), and the ambient RH is below 65%.

MIXING

Consult the Safety Data Sheet for safe-handling instructions.

- Ready to use; no mixing is necessary.

APPLICATION

1. Read all installation instructions thoroughly before installation.
2. Select the appropriate notched trowel (see the “Approximate Coverage” chart).
3. Spread adhesive evenly over the subfloor, keeping the trowel at a 45-degree angle to the subfloor.
4. Allow adhesive to flash 0 to 15 minutes before installing flooring.
5. Install flooring per the flooring manufacturer’s instructions. Do not apply more adhesive than can be installed within 15 to 35 minutes.
6. Roll the flooring immediately 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.
- Use mineral spirits once the adhesive has dried. Use caution with mineral spirits, which may be harmful to some materials.

PROTECTION

- 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)
VOCs (Rule #1168 of California's SCAQMD)	50 g per L
VOCs (Section 01350 of California's CDPH)	Passed
Shelf life	2 years when stored in original packaging at 73°F (23°C)
Polymer type	SBR emulsion solution
Percent solids	74% to 78%
pH	9 to 10
Trowelability	Light
Density	9 lbs. (4,08 kg) (+/- 0.4); 1.1 g per mL (+/- 0.05)
Consistency	Buttery
Storage conditions	40°F to 100°F (4°C to 38°C)
Flash point (Tag)	> 212°F (100°C)
Protect from traffic	24 hours for light traffic; 72 hours for heavy traffic

Application Characteristics		
	Flash Time [†]	Working Time ^{††}
Carpet and felt-backed vinyl sheet flooring	0 to 15 minutes	15 to 35 minutes

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

^{††} *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
Rough-backed and ribbed carpet	1/8" x 1/8" x 1/16" (3 x 3 x 1,5 mm), V-notch	90 to 100 sq. ft. per U.S. gal. (2,20 to 2,45 m ² per L)
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	135 to 145 sq. ft. per U.S. gal. (3,31 to 3,55 m ² per L)
Lightweight felt-backed sheet vinyl	1/16" x 1/32" x 1/32" (1,5 x 1 x 1 mm), U-notch	250 sq. ft. per U.S. gal. (6,12 m ² per L)
Loosely woven, jute and ActionBac	3/32" x 3/32" x 3/32" (2,5 x 2,5 x 2,5 mm), V-notch	140 to 150 sq. ft. per U.S. gal. (3,43 to 3,67 m ² per L)
All double-glue-down installations (carpet to pad)	3/16" x 1/8" x 1/8" (4,5 x 3 x 3 mm), U-notch	72 to 90 sq. ft. per U.S. gal. (1,76 to 2,20 m ² 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	
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
Additional Green Certifications	
CRI Green Label Plus #GLP00530. Refer to the CRI's Website at www.carpet-rug.org 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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Printed in the USA.

Edition Date: December 1, 2017

Canada

1-844-410-1212

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: 8611 MKT: 17-2204

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.**