



North American
ADHESIVES®

Carpet Lock™ Outdoor

All-Weather Exterior Carpet Adhesive



PRODUCT DESCRIPTION

Carpet Lock Outdoor is a high-strength, waterproof, solvent-based adhesive for the permanent installation of outdoor carpet and artificial turf in exterior applications only. *Carpet Lock Outdoor* sets rapidly, even during unfavorable weather conditions, to provide a secure bond in just a few hours. It provides a firm bond to concrete, asphalt paving, and other clean, sound paving surfaces, as well as over exterior plywood decking and pressure-treated lumber.

FEATURES AND BENEFITS

- Exterior use only
- Waterproof and weather-resistant
- Rapid-setting
- High bond strength

USES

- For carpets (rubber-backed, marine-backed, polypropylene-backed and non-backed outdoor carpet) and artificial turf
- For exterior residential applications (open-air patios and balconies) and exterior commercial applications (miniature golf centers, outdoor sporting facilities, and open-air patios in restaurants and hotels)

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)
- Pressure-treated lumber and plywood
- Fully cured concrete and exterior-approved concrete patching compounds

- Fiberglass
- Fully cured asphalt pavement

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

LIMITATIONS

- *Carpet Lock Outdoor* is for outdoor use only. Do not install indoors. **This product is extremely flammable.**
- Do not install over any substrates containing asbestos.
- Use only when the substrate temperature is between 40°F and 100°F (4°C and 38°C).
- Do not use over asphalt roofing, coated asphalt pavements or plank decking.
- Do not use for urethane- or vinyl-backed carpet.

MIXING

Consult the Safety Data Sheet for safe-handling instructions.

- Ready to use; no mixing is necessary.

APPLICATION

1. Turn off all sources of ignition. Keep away from heat, sparks and open flames of any kind. Use only in well-ventilated areas. Do not smoke in the work area.
2. Select the appropriate notched trowel (see the "Approximate Coverage" section).
3. Spread adhesive evenly over the subfloor, keeping the trowel at a 45-degree angle to the subfloor.
4. Apply only enough adhesive so that carpet can be laid into adhesive while it is wet. Do not let adhesive skin over. (Rough paving surfaces may require more adhesive to maintain contact with the carpet backing.)
5. Place carpet into adhesive and avoid creating air pockets, checking occasionally to make sure that adhesive is fully transferring to the backing.

Carpet Lock™ Outdoor

- Press carpet into the adhesive bed by using firm pressure or a lightweight roller.
- Seal seams and edges with North American Adhesives' *Seal Bond™* carpet seam sealer. This will help to prevent raveling in those areas and maintain the attractive appearance of the installation.

Note: Seams in rubber-backed goods may peak slightly shortly after fitting, and small bubbles may appear in the field. This comes from the temporary swelling of the rubber carpet backing but will disappear as the adhesive starts to set.

Note: Avoid pulling carpet out of previously bonded areas during installation. This is especially true when the product is installed over asphalt pavement, which may dissolve at the surface and result in adhesive bond failure.

CLEANUP

- Clean the flooring surface and tools using mineral spirits. 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 48 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.

Product Characteristics	
Color	Light beige
Packaging	Pail: 3.5 U.S. gals. (13,2 L) Pail: 1 U.S. gal. (3,79 L)
Polymer type	Styrene-butadiene rubber (SBR)
Solids content	53% to 57%
VOCs (Rule #1168 of California's SCAQMD)	401 g per L

Shelf life	2 years in original, unopened container
Flash point (Tag)	< 20°F (-7°C)
Storage conditions	50°F to 90°F (10°C to 32°C)

Application Characteristics		
	Flash Time [†]	Working Time ^{††}
Outdoor carpet and artificial turf	0 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)
Carpet with smooth and "reverse waffle" backings	1/16" x 1/16" x 1/16" (1,5 x 1,5 x 1,5 mm), square-notch	125 to 185 sq. ft. (11,6 to 17,2 m ²)
Carpet with rough, deep-waffle and skimcoated backings	1/8" x 1/8" x 1/8" (3 x 3 x 3 mm), square-notch	70 to 80 sq. ft. (6,50 to 7,43 m ²)

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

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.**