

APACTM

631

Outdoor Carpet Adhesive

DESCRIPTION

APAC 631 is a water-based indoor-outdoor carpet adhesive specifically formulated for installation of outdoor carpeting in areas where flammable adhesives pose a health risk from fumes or flashback fires. APAC 631 is ideal for enclosed patios, screened-in porches, sidewalks and open decks. This adhesive dries to form a tough water-resistant bond that will last for years and be used both indoors and outdoors.

FEATURES AND BENEFITS

- For permanent bonds
- Water-resistant
- Fast-setting

USES

CARPETS – Non-backed indoor-outdoor carpet and turfs as well as those with sponge rubber, urethane foam, marine, needle-punched, ActionBac® and unitary backings. (Not recommended for outdoor carpet with vinyl backings.)

AREAS OF USE

- Interior and exterior residential (patios, balconies and covered porches)
- Interior and exterior commercial (miniature golf centers, building entryways and hospitality patios)

RECOMMENDED SUBSTRATES

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; and fully cured asphalt pavement

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

LIMITATIONS

Do not install over any substrates containing asbestos. Do not apply over any adhesive residues including cutback. Use only when the substrate temperature is between 40°F and 100°F. Protect from rain or water exposure for 72 hours after application. Do not use over asphalt roofing, coated asphalt pavements or plank decking.

SURFACE PREPARATION

All substrates must be structurally sound, dry, solid and stable. 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. Refer to APAC's Surface Preparation Guidelines at www.apacadhesives.com.

MIXING

Note: Choose all appropriate safety equipment before use. Refer to Material Safety Data Sheet (MSDS) for more information.

- Ready to use; no mixing is necessary.

INSTALLATION

Read all installation instructions thoroughly before installation.

1. Select the appropriate notched trowel (see "Typical Trowels and Approximate Coverages" section).
2. Spread adhesive evenly over the subfloor, keeping the trowel at a 45° angle to the subfloor.
3. Apply only enough so 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.)
4. Place carpet into adhesive and avoid creating air pockets, checking occasionally to make sure adhesive is fully transferring to the backing.
5. Press carpet into adhesive bed using firm pressure or a lightweight roller.
6. Seal seams and edges with APAC 613 carpet seam sealer. This will help to prevent raveling in those areas and maintain the attractive appearance of the installation.
7. Promptly remove adhesive from the flooring surface using water while adhesive is still fresh/wet. Use mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials.
8. Clean tools with water while the adhesive is still fresh/wet.
9. Protect from light traffic for 24 hours, and from heavy traffic for 72 hours.

APPLICATION CONDITIONS

Application Characteristics		
	Flash Time*	Working Time**
Porous substrates	0 minutes	10 to 15 minutes
Nonporous substrates	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.

TECHNICAL DATA

Polymer type	SBR
Percent solids	65% to 70%
VOCs	104 g/L
Color	Light beige
Shelf life	2 years
Flash point (Tag)	> 200°F
Storage conditions	50°F to 90°F

Note: 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.

PACKAGING

Product Code	Size
95163221	3.5 U.S. gal. (13,2 L)
95153221	1 U.S. gal. (3,79 L)

TYPICAL TROWELS AND APPROXIMATE COVERAGES*



Carpet with smooth and "reverse waffle" backings

1/16" x 1/16" x 1/16" square-notch trowel

135 to 145 sq. ft. per U.S. gal.



Rough-backed and ribbed carpet

1/8" x 1/8" x 1/8" square-notch trowel

50 to 55 sq. ft. per U.S. gal.

* Coverages shown are for estimating purposes only. Actual jobsite coverage may vary according by application method, substrate, substrate conditions and actual thickness applied.

INDUSTRY STANDARDS AND APPROVALS

- CRI #104, Standard for Installation Specification of Commercial Carpet
- CRI #105, Standard for Installation of Residential Carpet

Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. **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.**