



704 Premium Fast Grab Carpet Adhesive

Updated September 2025

1. PRODUCT NAME

TEC® 704 Premium Fast Grab Carpet Adhesive
(704)

2. MANUFACTURER

TEC Specialty Products LLC
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Aurora, IL 60504-6451 U.S.A.
800.832.9002 Customer Service
800.832.9023 Technical Support
tecspecialty.com

3. DESCRIPTION

TEC® 704 Premium Fast Grab Carpet Adhesive can be used to install carpet or fiber backed sheet goods to all approved substrates. It can also be used for Double Bond installations (carpet to pad). TEC® 704 is a premium quality adhesive that affords easy spreading, fast tack, and quick grab. Use for installations over fresh concrete slabs with moisture vapor emission rates up to 8 lbs. per 1,000 sq. ft. (3.63 kg/93 m²) per 24 hours or relative humidity up to 86%.

Key Features and Benefits

- Superior bonds
- Aggressive initial tack
- Easy to spread
- Interior use only
- Non-flammable
- Freeze/thaw stable
- Low odor
- Zero VOC

Packaging

4 gallon plastic pails (15.13 L)

Product #15035178

Coverage

Determine recommended trowel size based on tile type. Coverage will vary with the absorption of substrate and trowel size. Figures below are presented only as guidelines.

Flooring Type	Recommended Trowel Size	Approximate Coverage
Resilient sheetgoods	1/16" x 1/16" x 1/16" (1.6 x 1.6 x 1.6 mm) square-notch trowel	162-180 sq. ft./gal. 18-20 yd²/gal. (4-4.4 m²/L)
Direct Glue Down Method of Installation		
Smooth backed carpets	3/32" x 3/32" x 3/32" (2.4 x 2.4 x 2.4 mm)) V-notch trowel	108-162 sq. ft./gal. 12-18 yd²/gal. (2.7-4 m²/L)
ActionBac® carpet	1/8" x 1/8" x 1/16" (3 x 3 x 1.6 mm) V-notch trowel	90-108 sq. ft./gal 10-12 yd²/gal. (2.2-2.7 m²/L)
Double Bond Method of Installation (Carpet to Cushion)		
Woven backed carpets	1/8" x 1/8" x 1/16" (3 x 3 x 1.6 mm) U-notch trowel	54-72 sq. ft./gal. 6-8 yd²/gal. (1.3-1.8 m²/L)
Deeper woven backed carpets	1/8" x 1/8" x 1/16" (3 x 3 x 1.6 mm) U-notch trowel	27-45 sq. ft./gal. 3-5 yd²/gal. (0.7-1.1 m²/L)

* ActionBac® is a registered trademark of Propex Inc.

Suitable Interior Substrates



When properly prepared, suitable substrates include:

- Plywood - APA standard underlayment grade or better;
- Multiply underlayment
- Fiber-cement underlayment
- On, above or below grade concrete
- Latex portland cement based underlayment
- Unsealed terrazzo

Substrate Preparation

Subfloor should be structurally sound, clean, dry and level. Remove all grease, sealers, curing compounds, loose paint, dirt, etc. Nail down any loose edges or areas of subfloor and sand smooth all raised edges. Fill cracks or depressions in floor with a suitable TEC® patching compound. Sand smooth and vacuum to remove dust. Over hardwood floors or wood parquet, the installation of plywood or fiber-cement underlayment is required. Plywood should be installed according to American Plywood Association guidelines. Plywood subfloor surfaces should be well nailed at all edges and through center.

All concrete substrates must be tested for moisture and pH prior to flooring installation. Install flooring with TEC® 704 over concrete with a moisture vapor emission rate up to 8 lbs. per 1,000 sq. ft. (3.63 kg/93 m²) per 24 hours when tested in accordance with ASTM F1869 or up to 86% RH when tested in accordance with ASTM F2170. For concrete with greater moisture levels, treat the concrete with TEC® LiquiDam™ Penetrating Moisture Vapor Barrier. See Product Data Sheet for details. Test for pH in accordance with ASTM F710. Range of 7-9 is required.

Storage

Store in cool, dry location. Do not store open containers.

Shelf Life

Maximum of 1 year from date of manufacture in unopened container.

Limitations

- Not for exterior use.
- Do not use where hydrostatic pressure, excessive moisture or alkali is present.
- New concrete should be allowed to cure a minimum of 60-90 days prior to installation.
- Do not use when temperature is below 50°F (10°C).
- Not for use over fiber gypsum underlayment.
- Not recommended for the installation of vinyl backed carpet or solid vinyl sheetgoods.
- Not recommended for direct installation over existing resilient flooring.
- Freeze/thaw stable to 10°F (-12°C) for a minimum of 5 cycles. If frozen, slowly bring to room temperature and stir before using.

Cautions

Read complete cautionary information printed on product container prior to use. For medical emergency information, call 1-888-853-1758.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered TEC® brand product(s) under normal environmental and working conditions. Because each project is different, TEC Specialty Products LLC cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

4. TECHNICAL DATA

Product Data

Physical Properties

TEC® 704 Premium Fast Grab Carpet Adhesive (704)	
Description	
Base	Latex
Physical State	Medium paste
Color	Off-white
Open Time	15 to 45 minutes
VOC/Liter of Material	0 grams (calculated)
Freeze/Thaw Stability	Freeze/thaw stable to 10°F (-12°C) for a minimum of 5 cycles. If frozen, slowly bring material back to room temperature and stir before using.
Storage	Store in cool, dry location. Do not store open containers.
Shelf Life	Maximum 1 year from date of manufacture in properly stored, unopened package.

5. INSTALLATION INSTRUCTIONS**Application**

For best results, flooring material, room and adhesive should be kept at a minimum of 60°F (16°C) for 24 hours before, during and after installation. Refer to flooring manufacturers installation guidelines for proper application instructions, including trowel size and approximate coverage. TEC® 704 has an approximate working time of 15 to 45 minutes, depending on trowel size, floor porosity, temperature and humidity. Do not spread more adhesive than can be covered within the adhesive open-time. For rough textured backings or unitary backings, use the tacky method of installation (allow adhesive to dry to a tacky, leggy state before laying carpet into the adhesive). When installing non-porous flooring over a non-porous substrate, also use the tacky method of installation. Avoid heavy traffic for 24-48 hours after installation.

Clean-up

Remove fresh adhesive from face of flooring with warm, soapy water. Dried adhesive must be removed with mineral spirits.

6. AVAILABILITY

TEC premium surface preparation, tile, stone, carpet, wood and resilient floor covering installation products are available nationwide.

To locate TEC® products in your area, please contact:

Phone: 800-832-9002

Website: tecspecialty.com

7. LIMITED WARRANTY

The product(s) covered by this Product Data Sheet are sold subject to a Limited Warranty and related terms. **TEC Specialty Products LLC disclaims the implied warranties of merchantability and fitness for a particular purpose and all incidental and consequential damages arising out of the sale, purchase or use of this product.** For Limited Warranty details visit tecspecialty.com. To obtain a hard copy of the Limited Warranty call TEC Specialty Products at 800-832-9023 or mail a written request to the address in Section 2 of this Product Data Sheet.

8. MAINTENANCE

Not applicable

9. TECHNICAL SERVICES**Technical and safety literature**

To acquire technical and safety literature, please visit our website at tecspecialty.com.

10. FILING SYSTEM

Division 9



Conforms with LEED v4 low emitting interiors.
Compliant with (CDPH) Standard Method v1.2 VOC Emissions.



To learn more, visit TECSpecialty.com



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