



1. PRODUCT NAME

TEC® 704 Premium Fast Grab Carpet Adhesive (TA-704)



2. MANUFACTURER

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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

1 gallon plastic pails (3.78 L) Product #7047235011
4 gallon plastic pails (15.13 L) Product #3304711311

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 yd ² /gal. (4-4.4 m ² /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 yd ² /gal. (2.7-4 m ² /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 yd ² /gal. (2.2-2.7 m ² /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 yd ² /gal. (1.3-1.8 m ² /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 yd ² /gal. (0.7-1.1 m ² /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® The LiquidDAM® 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, H.B. Fuller Construction Products Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

4. TECHNICAL DATA

Physical Properties

| TEC® 704 Premium Fast Grab Carpet Adhesive (TA-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 Tile and Stone Installation Products are available nationwide. To locate TEC® products in your area, please contact:

Phone: 800-832-9002
Website: tecspecialty.com

7. WARRANTY

For warranty details, see your sales associate or tecspecialty.com.

8. MAINTENANCE

Not applicable

9. TECHNICAL SERVICES

Technical assistance

Information is available by calling the Technical Support Hotline.

Toll Free: 800-832-9023
Fax: 630-952-1235

Technical and safety literature

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

10. FILING SYSTEM

Division 9



tecspecialty.com



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