



301 Carpet Tile Adhesive

Description

Beaulieu Canada 301 is a high-performance pressure sensitive adhesive with excellent resistance to plasticizer migration and formulated to withstand up to 10lbs MVER or 90%RH. This product dries quickly and offers a higher shear strength making it the adhesive of choice for commercial installations where performance is key.

Uses

For the interior installation of homogenous vinyl, solid rubber, solid urethane, non-foam (PVC) or Enhancer™ backed carpet tiles.

Pressure Sensitive Carpet Tile Adhesive

- Persistent tack and high shear strength
- Releasable for ease of replacement or wet-set for permanent bond
- Excellent resistance to plasticizer migration

Features & Benefits

- Moisture Control Adhesive - Up to 10 lbs. MVER (ASTM F1869) / 90% RH (ASTM F2170)
- Persistent tack and high shear strength
- Releasable for ease of replacement or wet-set for permanent bond
- Excellent resistance to plasticizer migration
- Enviro-Friendly – solvent-free and LEED® compliant; VOC 9 g/L, SCAQMD Rule 1168
- Non-flammable. NFPA Class A and UBC Class 1 fire resistance ratings (ASTM E84)
- CRI Green Label Plus® Certified
- GoldGuard® antimicrobial product protection
- Traffic – Heavy Commercial



Coverage & Trowel¹ options

- 1/16" X 1/16" X 1/16" V Notch Trowel (Flooring: Carpet Tile), Coverage: 170-190 ft² per gallon
- Medium Nap Roller (Flooring: Carpet Tile), Coverage: Up to 225 ft² per gallon.

Substrates

Concrete, flooring grade APA rated plywood, vinyl composition tile (free of wax), primed gypcrete, steel and terrazzo. Vinyl composition tile must be well bonded and limited to one layer.

Limitations

For interior installations only. Foam-backed carpet will not provide the releasable feature. Do not install over vinyl composition tile in high or heavy traffic areas. Ensure adequate ventilation during flooring installation. Refer to Safety Data Sheet, industry standards, and manufacturer's guidelines and specific recommendations prior to installation for additional information.

Technical Data

- Product Type: Acrylic Latex (PSA)
- Color: Off White
- Odor: Very mild, resinous
- Permanent Installation (wet set method): Open Time: up to 20 minutes – Working Time: up to 40 minutes
- Releasable Installation (dry method): Tack Time: up to 45 minutes – Working Time: 10-12 hours
- VOC: 9 g/L
- MVER: 10 lbs or less (ASTM F1869)
- 90% RH or less (ASTM F2170)
- pH: Must not exceed 10
- Shelf Life: 1 year in unopened container
- Storage: Protect from freezing. Does not require thinning.

¹ *The trowel notches referenced are those typically recommended for the type of flooring being installed and are shown as a guide. Consult flooring manufacturer for their specific trowel recommendations.



Instructions

Preparation:

Ensure substrate, flooring material and adhesive are fully acclimated prior to installation at the same temperature and humidity level expected during normal use (between 65-95°F with a relative humidity no greater than 65%). Maintain these conditions after the installation. Subfloors must be structurally sound, dry, smooth, flat ($\leq 3/16''$ within 10'), level and free of excess moisture/alkali and all substances (oil, wax, grease, paint, oil-based sealers, adhesive residue, etc.) that may inhibit the bond of the adhesive or the performance of the flooring or its installation. Moisture Testing must be performed in accordance to ASTM F1869 with levels not to exceed 10 lbs/1000 ft²/24 hrs and/or ASTM F2170 with levels not to exceed 90% RH. All substrate cracks, chips, holes, joints, high spots and irregularities must be adequately repaired. Expansion or other moving joints must not be filled or covered with flooring. Patching compounds must be suitable for the use application, cement based and polymer-modified and applied according to the manufacturer's instructions.

Installation:

The temperature of the materials and work area should be maintained between 65-95°F with a relative humidity of $\leq 65\%$, 48 hours before, during, and 72 hours after installation. Spread adhesive uniformly using a trowel or roller. Adhesive ridges should be of sufficient height to achieve full coverage of the substrate and the deepest recesses in the back of the flooring material. When installing over a porous substrate, place flooring into semi-wet adhesive for a permanent bond or allow adhesive to dry and become tacky to the touch for a releasable bond. When installing over a non-porous substrate allow adhesive to dry and become tacky before placing the flooring. Setup time will vary slightly with temperature, humidity and porosity of substrate.

Curing:

High temperature and low humidity will cause the adhesive to cure faster. After installation, restrict foot traffic and moving of heavy objects for 24-48 hours to allow adhesive to cure properly. Premature traffic can cause installation failure.

Clean-Up:

Fresh adhesive – warm soapy water. Dried adhesive – use mineral spirits sparingly with a clean, white cotton cloth. DO NOT POUR DIRECTLY ONTO FLOORING.



Technical Services

For technical assistance or installation questions not covered in this document, please visit our Contact page at www.beaulieucanada.com.

Warning

Children can fall into bucket and drown. Keep children away from bucket, even with a small amount of liquid.

Caution!

May cause slight eye, skin or respiratory irritation. **KEEP OUT OF REACH OF CHILDREN**

First Aid

- Inhalation: Move victim to fresh air. Seek medical attention if necessary. Asthmatic-type symptoms may develop immediately or up to several hours later. Seek medical attention if this occurs.
- Skin Contact: Wash with soap and water. Remove contaminated clothing.
- Eye Contact: Flush with copious amounts of water for at least 15 minutes. Seek medical attention if necessary.
- Ingestion: Do not induce vomiting. Wash mouth with water. Seek medical attention.
- Emergency: (888) 226-8832 (CANUTEC - 24-hour response).

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