ADVANTECH™ SUBFLOOR ADHESIVE

MANUFACTURED FOR: Huber Engineered Woods LLC
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Main phone number: 800.933.9220
Technical Service: 800.933.9220 x 2716
AdvanTechSFA.com

Basic Use and Applications
Advantech™ subfloor adhesive is a high-performance, moisture-cured, gun-applied polyurethane construction adhesive that can be used in cold and wet conditions. Formulated to adhere to wet and frozen structural subfloor panels and joists, this moisture curing poly adhesive is the ideal solution for not so ideal weather conditions. It easily dispenses as a foam bead that quickly condenses to form a high-strength gel adhesive.

Advantech subfloor adhesive is designed to be used to bond Advantech® flooring, OSB and plywood subfloors to the supporting floor framing below. It helps prevent movement between the floor panels and the joists/trusses which can lead to floor squeaks and pops and a bouncy floor. Used with Advantech flooring, Advantech subfloor adhesive is the FLAT OUT BEST™ for a quiet, stiff floor. Advantech subfloor adhesive is classified as a Class 2 aerosol adhesive in accordance with 49 CFR 173.115(a).

Compatible Substrates
• Advantech® panels
• Plywood
• OSB
• Dimensional and treated lumber
• Concrete

Features and Benefits
Advantech subfloor adhesive can yield up to 8 times the coverage when compared to traditional subfloor adhesive caulks; and when used on a qualified Advantech™ Subflooring Assembly, it comes with a Squeak-Free Guarantee² for the subfloor to joist connection. Advantech subfloor adhesive maintains adhesion to dry, wet and frozen lumber while exceeding the industry adhesion performance by 2 – 5 times.³ The gun applied Advantech subfloor adhesive installs quickly, easily and can bridge minor gaps between the floor truss and the subfloor panel to ensure a tight bond forms between the framing and the subfloor.

Surface Preparation
Surface should be free from oil, grease and standing water. Adhesive may be applied in temperatures from 20ºF (-6ºC) to 105ºF (41ºC). Use drop cloths as necessary. Product will gun slowly when cold.

Installation Methods
To install Advantech subfloor adhesive place threaded end of can into applicator gun basket and rotate in a clockwise direction until tight. Do not over-tighten. Shake container vigorously for minimum 30 seconds prior to initial application. Check the tip of the applicator gun prior to dispensing adhesive and remove any dried adhesive from the tip with Advantech™ polyurethane foam cleaner or by safely scraping with a utility knife or other sharp object. Open the control knob and test bead size on scrap material. Adjust bead size by rotating the control knob located at the rear of the gun until you get a ½-inch foam bead. Installation Tip: rotate the control knob counter-clockwise to release more adhesive, and rotate the control knob clockwise to release less. (The trigger can also be used to control the rate and amount of foam adhesive coming out by how much the trigger is depressed.)

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Can Changeover
Once started, do not remove applicator gun from can until can is empty. Point applicator gun in a safe direction and purge the applicator barrel. Remove can by rotating can in a counter-clockwise direction. Clean applicator basket with AdvanTech™ polyurethane cleaner as needed. Immediately attach new can of AdvanTech™ subfloor adhesive.

Coverage and Curing
One 24 oz. can of AdvanTech subfloor adhesive yields approximately 400 linear feet of gel adhesive at a \( \frac{1}{2}'' \) diameter bead. When compared to a 28 oz. caulk cartridge of typical subfloor adhesive, product yield per container is approximately 8 times that of the conventional adhesive applied at a 3/8'' bead, per manufacturer's instructions. The subfloor panel should be installed and fastened within 20 minutes from the time of application.

Storage and Handling
Turn off the flow to the gun using the control knob at the back of the gun. Store the can in the upright position with the gun attached. To resume installation, shake the can for 30 seconds and then open the flow control value. Maximum storage is 30 days. Product will keep for 18 months in unopened can when stored between 60° F and 90° F (16° C and 32° C). Storage above 90° F (32° C) will reduce shelf life. Do not store above 122° F (50° C).

Availability
AdvanTech subfloor adhesive is available nationwide. Check AdvanTechSFA.com to find a local dealer in your area.

Warranty
Visit AdvanTechSFA.com for complete details.

VOC Compliant
VOC: 15 wt. %
VOC (California): 155 g/L

Technical Service
Detailed information including specifications, product literature, test reports, installation instructions, and special applications is available through Huber Engineered Woods.

Please visit AdvanTechSFA.com or call 800.933.9220 x 2716 to speak to a technical representative.

1. Coverage: One 24 oz. can of AdvanTech subfloor adhesive yields approximately 400 linear feet of gel adhesive at \( \frac{1}{2}'' \) bead compared to applying a 28 oz. cartridge adhesive at 3/8'' bead. Coverage will vary based on bead size and weather conditions.

2. Squeak Free Guarantee for AdvanTech subfloor assembly at joist connection: Limitations and restrictions apply. Must use AdvanTech subfloor panels with I-joists or trusses and deformed fasteners. Not applicable over dimensional lumber framing or with other subfloor panels. Will be available in New England (ME, NH, VT, MA, CT, RI) and NY beginning in March 2016. Applies only to one and two family dwellings, townhomes and structures permitted under IRC or governing residential code. See SqueakFreeGuarantee.com for complete details.

3. Coverage: One 24 oz. can of AdvanTech subfloor adhesive yields approximately 400 linear feet of gel adhesive at \( \frac{1}{2}'' \) bead compared to applying a 28 oz. cartridge adhesive at 3/8'' bead. Coverage will vary based on bead size and weather conditions.
