



SUBFLOOR CONSTRUCTION ADHESIVE

BUILDER SERIES

A Versatile Gel Foam Adhesive for Dry, Wet & Frozen Lumber

Touch 'n Foam Professional Subfloor Construction Adhesive is an all-weather, one-component, gun foam that quickly condenses into a high-strength gel adhesive. Use it on wood-to-wood assemblies, glued floor systems, dimensional and treated lumber, plywood, and OSB. It exceeds industry adhesion performance standards, including adhesion to dry, wet, and frozen lumber.

Subfloor Construction Adhesive Benefits

- Yields 10X more than traditional adhesive caulks*
- Helps prevent floor squeaks
- Bonds to wet and frozen lumber
- No odor
- Installs faster
- Bridges minor gaps on irregular surfaces
- Helps prevent nail pops
- Low VOC

How to Use

Always refer to local building codes prior to application of Touch 'n Foam sealants. For best results, apply continuous 1/2" bead between 60°– 100°F (16°– 38°C) with 40% or greater relative humidity. Product can also withstand temperatures between 23°–105°F (-5°– 41°C). Install subfloor panels within 20 minutes of application and follow recommended nailing/fastening schedule. If you exceed 20 minutes and foam dries or skins, remove foam and reapply.

Directions:

1. Foam bonds quickly to skin – wear gloves, eye protection and work clothes during application. Use drop cloths. Surface should be free of oil, grease and excess moisture. For best results, apply in temperatures between 60°– 100°F (16°– 38°C) with 40% or greater relative humidity. Product can also withstand temperatures between 23°–105°F (-5°– 41°C).
2. For easy attachment of can to gun applicator, apply petroleum jelly to applicator basket before attaching can. Do not over-tighten.
3. After attaching applicator to can, shake vigorously for 30 seconds.
4. Adjust flow knob on back of gun and press trigger to begin dispensing. Dispense gel foam with can upside down. Test bead size on scrap material first. Control the bead size by adjusting the flow knob.
5. Apply a continuous 1/2" bead to desired stud, joist, panel or other surface.
6. Within 20 minutes, install subfloor panels (or other substrates) and follow recommended nailing/fastening schedule. If you exceed 20 minutes and foam dries or skins, remove foam and reapply.

Safety

Important – read all directions and cautions before use. Always wear proper personal protective equipment, including gloves, clothing and eyewear. Use in well-ventilated area. Use drop cloths. Product is flammable during dispensing – turn off sources of ignition prior to use. Use Touch 'n Foam Polyurethane Foam Cleaner to clean wet foam from tools. Please refer to manufacturer's instructions or request a faxed set of instructions from Convenience Products by calling Customer Service at 1-800-325-6180.

First Aid

Overexposure to vapors will cause dizziness or headache – move to fresh air. In case of eye contact, flush eye with water for 15 minutes and get immediate medical attention. If ingested, call a physician. In case of skin contact, immediately wipe off uncured foam with a towel or rag and wash with soap and water. Any residue or cured foam will gradually wear off. Alternatively foam can be removed by the following method: Apply generous amounts of petroleum jelly or lanolin, put on plastic gloves and wait 1 hour. With a clean cloth, firmly wipe off petroleum jelly and repeat process if necessary. Do not use solvents to remove wet or cured foam. For more product safety information consult the product SDS or call 1-800-325-6180. **KEEP OUT OF REACH OF CHILDREN.**

*Coverage: One 24 oz. can of Subfloor yields 480 linear feet of gel adhesive. Adhesive at 1/2" bead is compared to applying cartridge bead at 3/8". Yield will vary based on substrate, style of application, weather conditions and bead size.



PRODUCT #	SIZE	CASE PACK	UPC	CONTRACTOR PACK UPC	CARTON CODE
4004532420	24 oz	6	0 75650 32420 2	0 75650 32421 9	1 00 75650 32420 9

Typical Properties

Shelf Life	18 months
Open Time	20 minutes
Fully Cured	4 hours
Yield at 1/2" bead size	480 Linear feet
Application Temperature Range	23° – 105°F (recommended 60°–100°F)
VOC Content	156 g/L
ASTM D3498	Pass
Shear Strength – Dry Lumber	798 PSI (requirement >150)
Shear Strength – Wet Lumber	362 PSI – Douglas Fir (req >150) 464 PSI – Southern Pine (req >150)
Shear Strength – Frozen Lumber	597 PSI – Douglas Fir (req >100) 531 PSI – Southern Pine (req >100)
Moisture Resistance	Pass
Gap	414 PSI (req>100)
Oxidation Resistance	Pass
ASTM D6464	Pass
24 Hour Shear Strength	95 PSI (requirement >10)
14 Days Shear Strength	89 PSI (req >40)
Cyclic Exposure Shear Strength	104 PSI (req >32)
24 Hour Tensile Strength	45 PSI (req >15)
14 Days Tensile Strength	34 PSI (req >25)
Freeze Thaw Shear	111 PSI (req>10)
Shear Under Static Load	Pass @ 40 lb load; Pass @ 20 lb load
Aging Test	Pass
Gap Filling/Bridging	Pass, 42 inches
HUD UM 60a	Pass

Shelf Life

Product will keep for 18 months in unopened container when stored between 60° and 90°F (16° and 32°C), in a dry, well-ventilated area.

Can Changeover

Once started, do not remove applicator until can is empty; then purge the applicator barrel and remove can. Remember to point in a safe direction before removing can. Clean applicator basket with acetone or polyurethane foam cleaner. Immediately attach fresh can to prevent foam from hardening in gun.

Storage & Reuse

Turn applicator's flow control knob to closed position and store can in upright position (with gun still attached). To restart, shake well for 30 seconds, turn flow control knob to open position and dispense gel foam. Maximum storage for restart: 15 days.

Sold as Contractor 6-Pack

Purchase Subfloor Construction Adhesive as a contractor 6-pack. Tear-away strip makes selling individual units convenient.



Accessories

Polyurethane Foam Cleaner

Removes uncured foam from tools and applicator. Attaches to applicator to flush barrel. Zero VOC formula.



Precision Applicator

Metal barrel / trigger / internal parts. Shockproof hand grip. Teflon coated basket.



Warranty: If product fails to perform when used as directed, within one year from the date of purchase, call 1-888-DAP-TIPS, with your sales receipt and product container available, for replacement product or sales price refund. DAP will not be responsible for incidental or consequential damages.

Technical Services: Technical assistance, including more detailed information, product literature, test results, assistance with preparing project specifications and application training is available by contacting 1-888-DAP-TIPS.