TYTAN PROFESSIONAL Drywall High Yield PRO GUN PU Foam Adhesive 29 oz

10017999, 10026725

TYTAN Professional Drywall Adhesive prevents screw pops by expanding to bond and fill the gaps between the drywall and studs without shrinking. Applying standard caulk adhesive is time-consuming, strenuous and is proven to shrink causing screw pops that lead to callbacks. With TYTAN Drywall Adhesive installers save time, material and money by preventing screw pops and callbacks. One 29oz can of TYTAN Professional Drywall Adhesive replaces approximately 10 conventional 28oz caulk adhesive cartridges, saving installers material costs and excess waste. To reduce strain from the back and arms when applying the TYTAN Drywall Adhesive to the ceilings and walls, try the LB60 long barrel applicator which extends past 23 inches. TYTAN Drywall Adhesive adheres to most construction materials including wet and frozen lumber, gypsum, vinyl, steel and masonry. For a Job Well Done, use Tytan Professional Drywall Adhesive!

ADVANTAGES

- prevents screw pops
- improves blower door test results
- replaces up to 10 28oz caulk adhesive cartridges
- adheres to wet, dry and frozen lumber
- polyurethane bonding technology

RECOMMENDED USES

Used to provide a strong bond between drywall and studs.
Used to bond osb, plywood, wood, cork. external insulation boards (eps, xps) thermal insulation systems, external bonding of decorative elements of buildings. bonding and filling systems sip, icf, eifs.

STANDARDS / APPROVALS / CERTIFICATES

The product has:

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- UL 723
- ASTM D6464
- ASTM C557

TECHNICAL DATA

Parameter (73°F (+23°C)/50% RH)	Value
Nominal value [oz]	29
Yield using 1/2” bead [ft]	Min 500" at 1/2" bead 800" (average result)
Skin formation time (EN 17333-3:2020) [min]	≤ 20
Full cure time (RB024) [h]	48
Secondary increase in volume (post-expansion) (EN 17333-2:2020) [%]	25
Shear strength-dry lumber [PSI]	≥ 290
Heat conductivity coefficient [BTU.in/hr.ft2 .°F]	≤ 0,25
Flame spread/Smoke developed (UL723 (ASTM E84))	15/10
VOC content [g/l]	89
Tack Free [min]	30
Initial Grab [min]	15
Application conditions	**Value**
Can/applicator temperature [°F] (optimum 68°F)	23 - 95
Ambient/substrate temperature [°F]	23 - 95
Color	**Value**
Yellow	+

DIRECTIONS FOR USE

Prior to application, read safety instruction presented in MSDS.

Substrate preparation

- The working surface should be clean and free of any dust, oil, grease, etc.
- Cover and protect surfaces notintended for foam exposure.

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Product preparation

- If necessary, the product should be brought to room temperature; e.g. by immersion in warm water (max temp up to 86°F (+30°C)), or by allowing the product to warm to room temperature for at least 24 hours.
- Gun temperature cannot be lower than the can temperature.
- Use protective gloves, mask and glasses.
- Shake the can vigorously for 30-45 seconds.
- Remove the protective cap, invert the can and screw the can firmly onto the dispensing gun using the plastic collar and do not overtighten.
- Maintain the can in an upside-down, inverted position during the application.
- Adjust the control knob on the gun handle to achieve the desired application flow. Point the gun into a trash can and slowly pull the trigger to test dispensing flow rate until desired bead size is determined.

Application

- Always dispense the product with the can inverted, valve down.
- While applying the foam, maintain a consistent pulling motion with the gun tip leading the direction the foam will be applied.
- When applying the foam adhesive, the bead diameter should not exceed 1.18 inches.
- A serpentine bead should be used when possible.
- If two drywall panels butttogether, apply two beads side by side on the stud.
- For bestresults, apply the drywall panels between 3-5 minutes after dispensing the adhesive on the studs. Do not waitlonger than 20 minutes to apply the drywall panels.
- If the application of the foam is delayed for more than 5 minutes, clean the applicator tip with TYTAN Foam Cleaner and vigorously shake the can prior to resuming application.
- Upon finishing the application, tighten the control knob, clean the gun tip with TYTAN Foam Cleaner, leave the gun attached and store the can in an upright position.

Post-application work

- Cured foam will be damaged when exposed to UV rays. Protect cured foam by covering or painting.
- After completion of work, the gun should be thoroughly cleaned using TYTAN Foam Cleaner..
- When the can is empty, tighten the control knob, unscrew the can from the gun and spray the tip and basket of the gun with TYTAN Foam Cleaner. Then screw on the can of TYTAN Foam Cleaner, open the control knob and squeeze the trigger until clear foam cleaner solution is flowing out of the gun. Tighten the control knob to ensure no air will enter the barrel of the gun and unscrew the foam cleaner from the gun.

Restrictions / notes

- The drywall panel should be installed per manufacturer specification and fastened per building code.
- Always leave the can on the gun until a new can is needed to continue or start a new application. The can should only be removed when empty and a new can is needed to complete the same job or if the can has been on the gun for longer than seven days.

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- Ensure the control knob is tightened when the productis notin use. Air entering the barrel of the gun for more than 2-3 minutes will decrease the efficiency and life of your gun.
- The curing of the productis dependent on temperature and humidity. A significant decrease in temperature within 24 hours of application can affectthe product's properties and adhesion.
- Use opened product within seven days.
- The product will not adhere to polyethylene, polypropylene, polyamide, silicone and Teflon.
- Quality and condition of the applicator can impact the performance of the foam product.
- Uncured foam can be removed with TYTAN Foam Cleaner.
- Hardened foam may be removed mechanically (e.g. with a knife).
- For the safety of the installer, always ensure access to adequate ventilation during the application of polyurethane foams.

ADDITIONAL INFORMATION

All parameters are based on tests compliant with manufacturer's internal standards and are highly dependent on environmental conditions during application and curing of the foam (ambient and surface temperatures, condition of applicator and the skill of the installer).

The manufacturer uses test methods approved by FEICA, designed to deliver transparent and reproducible test results and to ensure that customers have an accurate representation of product performance. FEICA OCF test methods are available at: http://www.feica.com (Our industry -> PU Foam (OCF) -> OCF Test Methods). FEICA is a multinational association representing the European adhesive and sealantindustry, including one-componentfoam manufacturers.

TRANSPORT / STORAGE

The foam maintains its usability within 18 months from manufacturing date, provided that it is stored in original packaging in vertical position (valve facing up) in a dry place in temperature from 41°F (+5°C) to 86°F (+30°C). Storage in temperature exceeding 86°F (+30°C) shortens the shelf life of the product, adversely affecting its parameters. The product may be stored in temperature 23°F (-5°C), no longer than for 7 days (excluding transport). Storage of foam cans in temperature exceeding 122°F (+50°C) or in vicinity of open flame is not allowed. Storage of the product in a position other than recommended may result in jamming the valve. The can should not be squeezed or pierced even when it is empty. Do not store the foam in the passenger compartment. Transported only in the trunk.

Detailed transport information is included in the Material Safety Data Sheet (MSDS).

Transport temperature	Foam transport period [days]
< -4°F (-20°C)	4
-2°F ÷ 14°F (-19°C ÷ -10°C)	7

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16°F ÷ 32°F (-9°C ÷ -0°C)	10

CATALOG DATA

Nominal capacity / volume / size	Color	Pieces per pack	Index	EAN code
29 oz	N/A	12	10017999	820435001461
29 oz	N/A	12	10026725	820435001584

HEALTH AND SAFETY WARNINGS AND RECOMMENDATIONS

The information contained herein is offered in good faith based on Producer's research and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information shall not be used in substitution for customer's tests to ensure that Producer's products are fully satisfactory for your specific applications. Producer's sole warranty is that the product will meet its current sales specifications. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. Producer specifically disclaims any other expressed or implied warranty of fitness for a particular purpose or merchantability. Producer disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.

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