



# TYTAN PROFESSIONAL Drywall Adhesive

FOA-FOA-6281-TP-77-oz-29-002

10017999

TYTAN Drywall Adhesive is an innovative polyurethane adhesive foam designed to prevent screw pops and save you time, money, and energy! With 29 oz of TYTAN Drywall Adhesive, one can replace up to 10 conventional 28oz caulk adhesive cartridges reducing material costs, installation time, and excess waste. TYTAN Drywall Adhesive cures through moisture in the air and does not shrink like popular latex adhesives. Using TYTAN to bond and seal every wall panel improves energy efficiency and blower door test results by sealing small gaps and imperfections in the wood. While caulk adhesive shrinking is proven to cause screw pop issues, TYTAN Drywall Adhesive expands to grab and bond the drywall to the studs with approximately twice the strength as the leading caulk adhesives. Using the LB60 applicator to apply it to the ceiling and walls and adheres to most construction materials including wood, gypsum, drywall, vinyl, steel studs, and masonry.



## BENEFITS

- Prevents Screw Pops
- Polyurethane Bonding Technology
- Improves Blower Door test results
- Replaces up to 10 28oz caulk adhesive cartridges
- Adheres to wet, dry and frozen lumber

## APPLICATION

- 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.

## TECHNICAL DATA

**For orders or more information contact:**  
**Caliber Supply, LLC**  
**P.O. Box 22041 Mesa, AZ 85277**  
**Phone (480) 336-8342**  
**Caliber-Supply.com**



Parameter (73°F (+23°C)/50% RH)	Value
Nominal value [oz]	29
Yield (linear yield of 1,2 cm width bead) 29 oz can cu [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 (λ) [ 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
Flammability class (DIN 4102)	B3
Initial Grab [min]	15
Conditions of application	Value
Can / applicator temperature [°F] (optimum 68°F)	23 - 104
Ambient/substrate temperature [°F]	23 - 104
Colour	Value
Yellow	+

## METHOD OF USE

Prior to application, read safety instruction presented in MSDS.



## Surface preparation

- Clean the surface of oil, dust and greases. For best results, and maximum yield, apply at temperatures 60°F-95°F. Use below 41°F is not recommended. Protect beneath the application area with cloth, plastic, or other material.

## Product preparation

- Shake can vigorously for 30-45 seconds. Remove protective cap, invert can, and screw the can firmly onto the dispensing gun – do not over tighten. Maintain the can in upside down, inverted position during application of the adhesive. Point gun in safe direction and slowly pull trigger to test dispensing flow rate. Adjust control knob on gun handle to achieve the desired application flow.

## Application

- Slowly apply the adhesive onto mounting studs. If panels butt together, apply two beads side by side. A serpentine bead should be used when possible. Material must be attached within 10 minutes for desired performance. Firmly place wallboard onto adhesive and hold. While maintaining pressure on the wallboard, secure the wallboard with mechanical fasteners.

## Works after completion of application

- Only use Foam Cleaner in well-ventilated areas or with approved respiratory equipment. Use Foam Cleaner's spray nozzle to spray any uncured foam off the end of the gun applicator nozzle into a trash can or a throw away material. Remove the used foam canister from the gun applicator and spray all external uncured foam with Foam Cleaner. Screw the Foam Cleaner canister onto the gun and spray the cleaner through the gun to clean uncured foam out the inside of the gun barrel. Leave the Foam Cleaner canister screwed onto the gun applicator. Tighten the control knob on the guns handle so no air can enter the barrel of the gun. Air entering the barrel of the gun for more than 2-3 minutes will decrease the efficiency and life of your gun.



## Remarks / restriction

- INSTALLING DRYWALL WITHOUT NAILS OR SCREWS IS NOT ALLOWED. NO MECHANICAL CONNECTORS MAY CAUSE DEFORMATION OF MOUNTED COMPONENTS.
- The curing process is dependent on temperature and humidity. The decrease in ambient temperature within 24 h after the application below the minimum application temperature can affect the quality and / or correctness of the seal.
- Especially in lower temperatures, it is recommended to leave the applied foam until it is fully hardened.
- Hurried attempts at preliminary treatment may cause irreversible changes in foam structure and its stability and may affect deterioration of foam utility parameters.
- Use opened foam packaging within 1 week
- The foam displays lack of adhesion to polyethylene, polypropylene, polyamide, silicone and Teflon.
- Fresh adhesive should be removed with polyurethane foam cleaner.
- Hardened adhesive may only be removed mechanically (e.g. with a knife).
- Quality and technical condition of used applicator affect the parameters of final product.
- The adhesive should not be used in spaces without access of fresh air and poorly ventilated or in places exposed to direct sunlight.

## REMARKS / RESTRICTION

All specifications are based on laboratory tests that conform to the manufacturer's internal standards and strongly depend on the foam curing conditions (temperature cans, ambient, substrate quality of the equipment used and the skill of the person administering the foam).

Producer uses test methods approved by FEICA designed to deliver transparent and reproducible test results, ensuring 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 sealant industry, including one-component foam manufacturers.

## TRANSPORT / STORAGE

The foam maintains its usability within 18 months from the manufacturing date, provided that it is stored in the original packaging in a vertical position (valve facing up) in a dry place at a temperature from 41°F (+5°C) to 86°F (+30°C). Storage at a temperature exceeding 86°F (+30°C) shortens the shelf life of the product, adversely affecting its parameters. The product may be stored at a temperature of 23°F (-5°C), no longer than for 7 days (excluding transport). Storage of foam cans in temperatures



exceeding 122°F (+50°C) or in the 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
16°F ÷ 32°F (-9°C ÷ -0°C)	10

## SAFETY AND HEALTH PRECAUTIONS

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.