

# TYTAN PROFESSIONAL Drywall High Yield PRO GUN PU Foam Adhesive 29 OZ



**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

- bonding drywall, 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

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## TECHNICAL DATA

| Parameter (73°F (+23°C)/50% RH)                                     | Value       |
|---------------------------------------------------------------------|-------------|
| Nominal value [oz]                                                  | 29          |
| Full cure time (RB024) [h]                                          | 24          |
| Secondary increase in volume (post-expansion) (EN 17333-2:2020) [%] | 25          |
| Shear strength-dry lumber [PSI]                                     | ≥ 290       |
| Flammability class (DIN 4102)                                       | B3          |
| Heat conductivity coefficient [BTU.in/hr.ft2 .°F]                   | ≤ 0,25      |
| Flame spread/Smoke developed (UL723 (ASTM E84))                     | 15/10       |
| VOC content [g/l]                                                   | 154         |
| Yield using 1/2" bead [ft]                                          | 800         |
| Open time [min]                                                     | ≤15         |
| Thermal resistance after curing [°F]                                | -200 - +240 |
| 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

- 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

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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.

## Post-application work

- 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.

## Restrictions / notes

- 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.

## ADDITIONAL INFORMATION

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 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       | 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                      |

## 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

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