

TYTAN PROFESSIONAL Air sealing Gasket Foam

Product for creating flexible and long lasting sealing between lumber and drywall increasing insulation parameters. Air sealing gasket foam is a polyurethane based flexible foam gasket enabling effective wall energy performance by creating a gasket between the drywall and framing. It dries to a flexible and durable gasket foam which compresses to enable a flat, uniform drywall plane.



FEATURES:

- Easy application – no problem for short neither long barrel gun
- One product for both top and bottom plates
- With two 20oz cans possible to cover average ~ 2000 ft² building
- Ready to use in both dry and wet climates, with wide temperature range: 32°F - 95°F
- Structural memory of foam - cured Gasket shows rebound effect which gives possibility to correct, reapply or adjust drywall already installed on wooden plates

APPLICATIONS

- TOP AND BOTTOM PLATES
- AIR TIGHT SEALING BETWEEN DRYWALLS AND FRAMING

BENEFITS

▲▲▲ ADHESION TO SURFACE
▲▲▲ HIGH YIELD
■ PRODUCT RESISANCE FOR DAMAGE
▼▼ GASKET VOLUME INCREASE (POSTEXPANSION)
■ GASKET FLAMMABILITY
▲▲▲ high; ▲▲ increased; ■ normal; ▼▼ decreased; ▼▼▼ low; - no application

APPLICATION CONDITIONS

Can/ applicator temperature [°C] (optimal +20°C)	41 ÷ 95 [°F] (5 ÷ 35 [°C])
Ambient/ surface temperature [°C]	32 ÷ 95 [°F] (0 ÷ 35 [°C])



DIRECTIONS FOR USE

Prior to application, read safety instruction presented at the end of TDS and in MSDS.

1. SURFACE PREPARATION

Clean the surface of oil, dust and greases. Use below 32°F is not recommended. Product has a foam consistence, try it out before start application on plates.

2. PRODUCT PREPARATION

Shake can vigorously for 30-45 seconds. Remove protective cap, invert can, and screw the can firmly onto the TYTAN 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.

3. APPLICATION

Slowly apply product to desired location using short or long barrel gun. Apply 0,5 inch bead starting from left to right. Tack free time is 30 minutes. Fully cures within 24 hours.

4. WORKS AFTER COMPLETION OF APPLICATION

Immediately after application when the canister is empty, You can replace it and continue application. Use TYTAN 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 TYTAN Foam Cleaner. Screw the TYTAN 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 TYTAN 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.

5. REMARKS / RESTRICTIONS

- 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 sealing.
- Hurried attempts at preliminary treatment may cause irreversible changes in product structure and its stability and may affect deterioration of product air tightening parameters.
- Open package should be used within 1 week.
- Product displays lack of adhesion to polyethylene, polypropylene, polyamide, silicone, Teflon and greasy surface.
- Fresh foam should be removed with polyurethane foam cleaner.
- Hardened foam may only be removed mechanically (e.g. with a knife).
- Quality and technical condition of used applicator affect the parameters of final product.
- The gasket foam should not be used in spaces without access of fresh air and poorly ventilated or in places exposed to direct sunlight.



TECHNICAL DATA

Color
yellow

Parameter (+23°C/50% RH) ¹⁾	Value
Linear Yield of 0,5 inch width bead (length and height) in 20oz can cu [ft]	up to ~210
Tack-free time [min] (TM 1014-2013**)	≤ 30
Full cure time [h] (RB024)	24

1) All given parameters are based on laboratory tests compliant with internal manufacturer's standards and strongly depend on foam hardening conditions (ca, ambient, surface temperature, quality of used equipment and skills of person applying 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-technology-ocf>. FEICA is a multinational association representing the European adhesive and sealant industry, including one-component foam manufacturers. Further information at: www.feica.eu

TRANSPORT / STORAGE

Transport temperature	Transport period [days]
< -20°C	4
-19°C ÷ -10°C	7
-9°C ÷ 0°C	10

GASKET FOAM should be stored in room temperature in a dry conditions, with the with the valve facing up - vertical position. The Gasket foam maintains its usability within 12 months from manufacturing date. Storage in higher temperature exceeding 86°F shortens the shelf life of the product, adversely affecting its parameters. The product stored in high temperature (100°F) 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 cannot 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).

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.