



# TYTAN PROFESSIONAL Foam Bond 60 Adhesive

FOA-FOA-7867-TP-78-oz-24-002

Item number: 10038218

TYTAN Professional Foam Bond 60 Adhesive is a universal fast-tack adhesive that bonds surfaces faster! It is low-odor and made with no solvents making it EPS, XPS and ISO foam board safe. TYTAN Foam Bond 60 bonds substrates in seconds, is secure within 5 minutes, and will fully cure in 24 hours. With superior strength and quick adhesion, Foam Bond 60 can be used in many applications faster than traditional caulk adhesive. Made to have a fast tack, Foam Bond 60 can help reduce fasteners needed and ensure a strong bond that won't fade with time. Foam Bond 60 works with most construction materials including metal, wood, brick, stone, rubber, vinyl, PVC and more. With TYTAN Professional Foam Bond 60 you can Build with Confidence!



## BENEFITS

- Foam Safe, Solvent Free
- Polyurethane Bonding Technology
- 60 second adhesion to building materials surface
- Application temperature range that suits North America
- Creates a strong bond the first time that wont weaken
- Helps reduce the amount of fasteners needed
- Fast and easy application

## APPLICATION

- Foam Safe, Solvent Free
- EPS, XPS, PUR, ISO, and mineral wool
- Trim, molding
- Installing counter tops
- Hanging mirrors
- All DIY projects

## TECHNICAL DATA

Parameter (73°F (+23°C)/50% RH)	Value
Nominal value [oz]	24
Correction time [min]	2 - 5
Open time [min]	2 - 5
Full cure time (RB024) [h]	24
Flame spread / Smoke developed ((UL723 (ASTM E84))	15/10
Shear strength (conditions: joint 1mm, open time 60-90 sec, at 23C 50%RH) [EOTA TR 46] [PSI]	>29
Tensile strength (conditions: joint 1mm, open time 60-90 sec, at 23C 50%RH) [EOTA TR 46] [PSI]	>44
Conditions of application	Value
Can / applicator temperature [°F] (optimum 68°F)	41 - 95
Ambient/substrate temperature [°F]	32 - 95
Colour	Value
Yellow	+

## METHOD OF USE

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



## Surface preparation

- The working surface should be clean and free of any dust, oil, grease, etc.
- Cover and protect surfaces not intended for foam exposure.
- It is necessary to level the surface when unevenness exceeds 0.39 inches (1 cm).

## 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.
- The TYTAN 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 TYTAN gun using the plastic collar and do not over tighten.
- Maintain the can in an upside-down, inverted position during the application.
- Adjust the control knob on the TYTAN gun handle to achieve the desired application flow. Point the TYTAN 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 TYTAN gun tip leading the direction the foam will be applied.
- When applying the foam adhesive, the bead diameter should not exceed 1.18 inches.
- Before one minute from application of the adhesive to the substrate, join the two materials together and correct positioning quickly after.
- When adhering a large material such as Drywall, OSB, or Tile, the adhesive should cover more than 10% of the bonding surface.
- Apply the adhesive 2 inches from the edges with a diagonal cross or serpentine beads through the middle if required.
- When adhering materials to the ceiling or a vertical surface, the material must be temporarily held or mechanically fastened in place until the adhesive has the initial grip (approximately 2-15 minutes depending on weight of substrate and the relative humidity).
- If the application of the foam is delayed for more than 5 minutes, clean the TYTAN gun tip with TYTAN Foam Cleaner and vigorously shake the can prior to resuming application.
- Upon finishing the application, tighten the control knob, clean the TYTAN gun tip with TYTAN Foam Cleaner leaving the TYTAN gun attached and store the can in an upright position.



## Works after completion of application

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

## Remarks / restriction

- Always leave the can on the TYTAN 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.
- Ensure the control knob is tightened when the product is not in use. Air entering the barrel of the TYTAN gun for more than 1 minute will decrease the efficiency and life of your TYTAN gun.
- The curing of the product is dependent on temperature and humidity. A significant decrease in temperature within 24 hours of application can affect the product's properties and adhesion.
- Use opened product within 30 days.
- The product will not adhere to polyethylene, polypropylene, polyamide, silicone and Teflon.
- Quality and condition of the TYTAN gun 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.
- A TYTAN Professional gun applicator must be used to keep this products' warranty.

## REMARKS / RESTRICTION

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 TYTAN gun 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 sealant industry, including one-component foam manufacturers.

## TRANSPORT / STORAGE

The adhesive maintains its usability within 12 months from manufacturing date, provided that it is stored in original packaging in vertical position (valve facing up) in a dry place in temperature 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 however than for 7 days (excluding transport). Storage of adhesive 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 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 Safety Data Sheet (SDS).

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.