TYTAN PROFESSIONAL Gypsum Cardboard Foam Adhesive

One-component polyurethane adhesive hardening due to air humidity. The adhesive is manufactured in compliance with requirements of ISO 9001:2015 standard.

APPLICATIONS

FOR BONDING DRYWALL, GYPSUM-CEMENT BOARDS, MAGNESIUM BOARDS AND ENGINEERED WOOD BOARDS

BENEFITS

▼▼▼NO POST-EXPANSION AFTER CORRECTION
▲▲▲ ADHESION TO SURFACE
▲▲▲ WORKING TIME
▲▲▲ WORK EFFICIENCY AND CLEAN TECHNOLOGY
▲▲▲ high; ▲▲ increased; ■ normal; ▼▼ decreased; ▼▼▼ low; - no application

APPLICATION CONDITIONS

Can/ applicator temperature [°C] (optimal +20°C)	+10 - +30
Ambient/ surface temperature [°C]	+5 - +30

DIRECTIONS FOR USE

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

1. SURFACE PREPARATION

- The surface should be stable, dry, clean, free from dust and oil.
- Prior to bonding, adhesion to plasters and other substrates should be checked. If necessary, remove paint or plaster falling off the wall.
- If the wall surface is not good enough, it must be primed.

2. PRODUCT PREPARATION

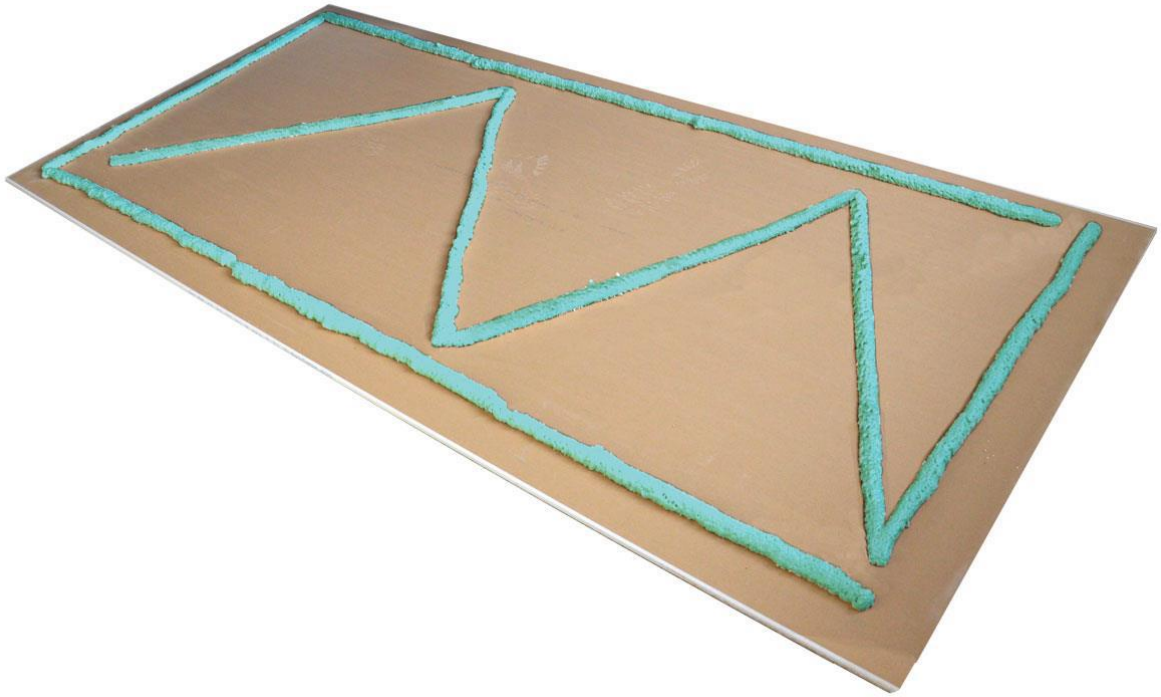
- The can should be conditioned at room temperature.

3. APPLICATION

- Prior use vigorously shake the can for about 30 seconds. Screw the can onto the gun. The Pu adhesive should be applied in "upside down" position.

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- Prior to bonding board to wall, use as a spacer, i.e. piece of drywall or other material on the bottom of the wall.
- Apply the adhesive with a bead of ca. 2-3 cm diameter on the board as shown below:



- Leave a space between the beads applied along the edge of the board to allow air to escape.
- Rembember to leave about 5 cm space between the edge of board and braid.
- If there is a need to even out surface of the wall, the diameter of beads can be adjusted.
- When bonding on surfaces with great irreguralities, double braids should be applied layer on the layer.
- Maximum irregularities which can be corrected with PU adhesive should not exceed 20mm. If the irregularties are bigger than 20 mm, additional distances should be used eg. from drywall elements or other boards.
- Immediately after application of the adhesive place the board on bonding surface, then carefully press it to set its position. Avoid damaging adhesive's structure by strong pressure and hitting of the board.
- After initial correction, use a long bubble level to correct the final position of board by carefully pressing it to the wall. Correction should be made between 2 and 5 minute from the first application.
- About 30 minutes after application it is possible to start treatment of board ie. filling and surface treatment of horizontal and vertical joints beetwen the boards.

4. WORKS AFTER COMPLETION OF APPLICATION

- If work is stopped for longer than 15 minutes, clean the gun nozzle with Tytan Professional Cleaner and lock the trigger.

SELENA® GLOBAL EXPERIENCE
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- After finishing works clean the gun with Tytan Professional Cleaner.

5. REMARKS / RESTRICTIONS

- The adhesive working yield depends on several circumstances: air, surface and can temperatures, air humidity and the distance between the foamed polystyrene and the face of the wall, wall leveling. When application temperature is higher, time is reduced. When application temperature is lower and closer to the minimum, correction time may be extended.
- Product does not adhere to polyethylene, polypropylene, polyamide, silicones, Teflon.
- The adhesive is safe for polystyrene board, not destroy them.
- Use acetone Cleaner to remove uncured adhesive. Caution! Cleaners can cause for foamed polystyrene boards by dissolving matter.
- 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 foam should not be used in spaces without access of fresh air and poorly ventilated, and do not expose to temperatures exceeding 50°C.

TECHNICAL DATA

Color	
green	+

Parameter (+23°C/50% RH) [1]	Value
Capacity (surface coverage) [m²] [2]	10
Full cure time [h] (RB024)	24
Open time [min]	≤ 1,5
Correction time [min]	≤ 5
Flammability class (DIN 4102)	B3
Flammability class (EN 13501-1:2008)	F
Capacity [m]	34 - 36
Mechanical anchoring [h]	0,5

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). For gaps with width bigger than 2 cm parameter values may differ from those declared in the technical data table.
2) Final yield depends on temperature, humidity, distance between board and wall and chosen method of covering the surface.

TRANSPORT / STORAGE

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

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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 +5°C do +30°C. Storage in temperature exceeding +30°C shortens the shelf life of the product, adversely affecting its parameters. The product may be stored in temperature -5°C, no longer however than for 7 days (excluding transport). Storage of adhesive cans in temperature exceeding +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 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.

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