

# TYTAN PROFESSIONAL GK PU Foam Adhesive 830 ml green



10041412, 10041411, 10041250, 10046237, 10045939, 10041465, 10041180, 10041074, 10041259, 10044895, 10051300

Professional one-component polyurethane adhesive dedicated to fixing drywall, fiber-cement, cement and wood-based boards (OSB) to substrates made of regular concrete, cellular concrete, ceramic brick, silicate blocks, wood-based boards. The unique technology allows precise and controlled application - it gives the ability to position and correct the positioning of the board by gently pressing on surfaces with irregularities of up to 20 mm. Working with G-K Board Adhesive allows you to install drywall up to 100 m<sup>2</sup> in 1 hour.



## BENEFITS

- quick initial grip
- processing in just 30 minutes
- high yield to 10 m<sup>2</sup>
- free of dust and dirt
- high adhesion to the surface

## RECOMMENDED USES

For fixing gypsum board, fiber cement board, cement and wood-based boards (OSB) to substrates made of plain concrete, cellular concrete, ceramic brick, silicate blocks, wood-based boards.

## TECHNICAL DATA

Conditions of application	Value
Correction time [min]	≤5
Can / applicator temperature (optimal +20°C) [°C]	+10 - +30
Ambient / surface temperature [°C]	+5 - +30
Parameter (+23°C/50% RH)	Value

1/5

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Open time [min]	≤1,5
Full cure time (RB024) [h]	24
Mechanical anchoring [h]	0,5
Capacity (surface coverage) [m <sup>2</sup> ]	10
Capacity [mb]	34 - 36
Reaction to fire (PN-EN 13501-1)	B s1 d0
<b>Colour</b>	<b>Value</b>
Green	+

## METHOD OF USE

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

### 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.

### Product preparation

- The can should be conditioned at room temperature.

### 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.
- 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 on a panel in the form of a 2-3 cm-thick-“braid” maintaining a distance of approx. 5 cm from the edge of the panel.
- Leave a space between the beads applied along the edge of the board to allow air to escape.
- In the middle of the panel, between the arms of the foam “braided” frame, apply the foam of the same thickness in the zig-zag shape transversely in order to glue the panel centre.
- 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 irregularities, double braids should be applied layer on the layer.
- Maximum irregularities which can be corrected with PU adhesive should not exceed 20mm. If the irregularities 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 between the boards.

### **Works after completion of application**

- If work is stopped for longer than 15 minutes, clean the gun nozzle with Tytan Professional Cleaner. To do so, place the plastic tube supplied with the dispensing gun packaging on the dispensing gun outlet to avoid the formation of mist containing the cleaner and applicator residue during cleaning. Then screw the can with the cleaner onto the dispensing gun and press the trigger until clear liquid flows out of the gun. Lock the trigger.
- After finishing works clean the gun with Tytan Professional Cleaner. To do so, place the plastic tube supplied with the dispensing gun packaging on the dispensing gun outlet to avoid the formation of mist containing the cleaner and applicator residue during cleaning. Then screw the can with the cleaner onto the dispensing gun and press the trigger until clear liquid flows out of the gun.

### **Remarks / restriction**

- 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.

## **ADDITIONAL INFORMATION**

All given parameters are based on tests and laboratory tests in accordance with the manufacturer's internal standards and strongly depend on the conditions of foam curing (temperature of the can, environment, substrate, quality of the equipment used and the skills of the person applying the foam). For gaps greater than 2 cm, the parameter values may differ from those declared in the technical data table.

The final efficiency depends on the temperature, humidity, distance between the glued elements and the wall and on the selected method of surface coating.

## 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 +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).

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

## CATALOGUE DATA

Nominal capacity / volume / size	Colour	Number of pieces per collective package	Number of pcs. per pallet	Index	EAN Code
830 ml	green	12	840	10041412	5902120173358
830 ml	green	12	840	10041411	5902120173303
830 ml	green	12	840	10041250	5902120171989
830 ml	green	12	840	10046237	5902120188932
830 ml	green	12	840	10045939	5902120187539
830 ml	green	12	840	10041465	5902120194940
830 ml	green	12	840	10041180	5902120171361
830 ml	green	12	840	10041074	5902120165384
830 ml	green	12	840	10041259	5902120171255
830 ml	green	12	840	10044895	5902120174249
830 ml	green	12	840	10051300	5902120233106

## 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.