

# PUB

## UNIVERSAL POLYURETHAN FOAM ADHESIVE

- Excellent adhesive properties
- Suitable for all seasons, application temperature from -5°C to +30°C
- Low curing pressure and low elongation
- Fixing of insulation panels on facades and foundations, interior design panels, window sills,...
- Gluing of building blocks
- Reducing the effects of thermal bridges



### Notice

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# PUR FOAM BOND

## General Information

PUR FOAM BOND is an universal foam adhesive for various construction works indoors and outdoors. It can be used all year round and ensures good results at temperatures from -5°C to +30°C.  
 PUR FOAM BOND has excellent adhesive and

thermal insulation properties, low curing pressure and low post expansion. PUR FOAM BOND adheres well to most materials such as polystyrene, gypsum board, wood, OSB, chipboard, concrete, stone, metal and PVC.

## Technical Information

Aggregate State: Aerosol  
 Colour: light yellow  
 Initial boiling point and boiling range: -12 °C  
 Vapour pressure: < 300 kPa (50 °C)  
 Density: 1019 kg/m<sup>3</sup> (20 °C)  
 Tack free after (TM 1014): 5min  
 Temperature resistance of the solidified foam adhesive (internal process): -50°C - +90°C  
 Dimensional stability (WGM103): < 1%  
 Post-expansion (8mm joint): 1,2mm  
 Fire class of the cured foam (DIN 4102-1): B2

Shear strength (8mm): > 47kPa  
 Adhesive strength (8mm): 0,12MPa  
 Adhesive strength (8mm, at +5°C temperature): 0,10MPa  
 Adhesive strength (8mm, at -5°C temperature): 0,08MPa  
 Average shear strength in masonry: > 0,43MPa  
 Average compressive strength in masonry: > 2,6MPa  
 Thermal conductivity (TM 1020): 0,034W/(m\*K)  
 Shelf life: 12 months in unopened packaging  
 Storage: cool and dry at temperatures between 5°C and 30°C. The foam cans must not be stored at temperatures above +50 °C, near heat sources or in direct sunlight. Store and transport in a vertical position.

## Application and Use

- Application temperature:  
 Air temperature during application: -5°C to +30°C. Can temperature during application: +5°C to +25°C, best results at +20°C. The foam can must be warmed up with water or air before starting work at low temperatures (max. +30°C).
- Surface preparation:  
 Remove dust, loose particles and grease from surfaces. Moisten dry surfaces to achieve better results. Protect adjacent surfaces with paper, foil or other suitable material.
- Application method:  
 Shake the can vigorously at least 20 times. Hold the foam can in a vertical position and screw the gun to the can, holding the gun handle with one hand and rotating the can with the other hand. Ensure that the gun is not pointing in the direction of other persons when turning. When screwing the can onto the gun, do not hold the valve down and do not turn the gun onto the can. Turn the can upside down and begin applying foam. The foam output can be regulated by the trigger of the gun.
- Cleaning:  
 Uncured foam can be removed with PUR FOAM CLEANER, cured foam can be removed mechanically.
- Restrictions:  
 The foam will not adhere to teflon, polyethylene and silicone surfaces. Cured foam is sensitive to UV light and direct sunlight and therefore must be covered with opaque sealant, filler, paint or other material. Lighter structural elements must be firmly fixed before applying foam due to the high post-expansion of the formula.

| Article nr | Name             | Content | Shelf Life              | Catalog                |
|------------|------------------|---------|-------------------------|------------------------|
| T670601    | PUR Foam Bond    | 750ml   | see imprint + 12 months | ADHESIVES AND SEALANTS |
| T670701    | PUR Foam Cleaner | 500ml   | see imprint + 36 months | ADHESIVES AND SEALANTS |
| Y670901    | PUR Adapter      | 1 pc.   | -                       | TOOLS                  |

