

## PU styro foam handheld

### Product Description

PU styro foam is one-component foam / glue that has a very low expansion and is intended for fastening insulating boards and decorative construction materials, and also filling gaps and cavities.

### Properties

One component. Moisture cured. Only expands enough to generate an effective seal. Excellent adhesion to most construction materials such as wood, concrete, tile, metal and aluminum. Thermal and acoustic insulation. Cuttable and paintable after curing. Should not be exposed to UV and be covered paint or plaster. Easy application.

### Technical Information

Chemical Base: Polyurethane  
 Curing Mechanism: atmospheric moisture  
 Density:  $21 \pm 3 \text{ kg/m}^3$   
 Skin formation: approx. 6-7 min.  
 Ready-to-cut time: 30-40 min.  
 Dimensional Stability: avg. -1,34 %  
 Compression Strength: 50,2 kPa  
 Tensile Strength: 79,3 kPa  
 Coverage Area: 5-10 m<sup>2</sup>  
 Yield: 600-700 g <40 lt  
 700-800 g 40 - 50 lt  
 800-900 g 45 - 55 lt  
 900-1000 g >55 lt

### Application Details

Application Temperature: +5 °C to +35 °C  
 Temperature Resistance: -30 °C to +80 °C  
 The application surface must be solid, clean, dry and free of dust, oil and grease. Surfaces must be moisturized before the application of PU foam. The most suitable in temperature for use of PU foam is between 20–25°C. Low temperature cans should be used after storage at room temperature for a period of time (20 min). Shake the tube vigorously about 30 times before use. Dispense the foam by 3 cm bead size and leaving 2 cm space at the edges of the insulation panels. Also a single bead across the board centre (long to longest side). If there is wind exposure or rain then use scaffoldings mesh. Wait 3-4 minutes and then press the insulation panels and hold in place approx. 1 min. The panel can be corrected in 15-20 min.

### Shelf Life

Store the product in a cool and dry place.  
 The shelf life is 12 months at temperatures between +5 °C and +25 °C.

### Caution

Avoid contact with skin and eyes. Use gloves before application. Keep out of freezing, direct sunlight and temperatures above 50 °C. Apply in well-ventilated areas. Do not breathe vapor. Do not smoke. Do not expose to open flame.


### Health and Safety

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing, physical, ecological, and toxicological and other safety related data.



| Code   | Barcode       |
|--------|---------------|
| PPS821 | 8606017657453 |

## Logistics data

| Barcode              | 8606017657453 |  |                          | Code               |
|----------------------|---------------|--|--------------------------|--------------------|
| Can length           | 34            |  |                          | <b>PPS821</b>      |
| Can width            | 6,6           |  |                          |                    |
| Packaging            | Dimensions    | Number of boxes  | Number of cans<br>658 ml | Gross weight (Kgs) |
| Commercial packaging | 28.2x22x36    | 1  | 12                       | 10,2               |
| Transpot packing     | 28.2x22x36    | 1  | 12                       | 10,2               |
| Pallet for storage   | 1200x800x2200 | 70   | 840                      | 730                |
| Pallet for transport | 1200x800x2200 | 70   | 840                      | 730                |