

# UHU® POR

## QUICK-SETTING SPECIAL ADHESIVE FOR POLYSTYRENE



### PRODUCT DESCRIPTION

POR is a quick-setting special adhesive for bonding expanded polystyrene, e.g. Styropor® also in combination with other materials. It forms an elastic adhesive film which is highly resistant to age and which is colorless and waterproof.

### FIELD OF APPLICATION

Suitable for expanded polystyrene, e.g. Styropor® also in combination with other materials, e.g. wood, paper, metal, ceramic, plaster, fabric and various plastics. Not suitable for PP, PE, PET, PTFE, POM and SI.

### PROPERTIES

- Quick-setting
- Elastic adhesive film is colourless, non-ageing
- Waterproof

### PREPARATION

**Working Conditions:** Do not use at temperatures below +5°C.

**Personal safety:** Por contains volatile, easily inflammable solvents, appropriate precautions should therefore be taken during working and storage.

**Surface Requirements:** The surface must be dry, clean and free of dust and grease.

### APPLICATION

#### Directions for use:

The adhesive is normally applied to both surfaces. The period of adhesion depends on the quantity of adhesive applied and the absorption capacity of the material for bonding. Firm adhesion is obtained between 5 and 20 minutes after application.

The correct moment for joining has been reached when the adhesive, gently touched with the fingertips, has become touch-dry (so-called finger test).

**Stains/residue:** Light petrol should be used for the removal of smeared adhesive and the cleaning of working tools (brushes etc.).

**Advice:** As this adhesive needs moisture for hardening, the process can be speeded up by breathing on one of the parts of the assembly. The hardening process may take longer if humidity is low.

**Points of attention:** The product contains volatile, highly flammable solvents; precautions are therefore necessary during use and storage. Ensure proper ventilation when using over large areas.

### TECHNICAL SPECIFICATIONS

|                                 |                                |
|---------------------------------|--------------------------------|
| Bonding technique:              | 2-Sided application            |
| Chemical base:                  | Styrene-butadiene rubber (SBR) |
| Colour:                         | Transparent (yellowish)        |
| Colour after curing/drying:     | Transparent                    |
| Consistency:                    | Medium viscosity               |
| Density approx.:                | 0.79 g/cm <sup>3</sup>         |
| Drying/Curing time approx.*:    | 5-10 minutes                   |
| Elasticity:                     | Good                           |
| Final bond strength after:      | 72 hours                       |
| Minimum temperature resistance: | -30 °C                         |
| Maximum temperature resistance: | 70 °C                          |
| Moisture resistance:            | Good                           |
| Solid matter approx.:           | 33 %                           |
| Solvent:                        | Aliphatic solvent mixture      |
| Viscosity:                      | Liquid                         |
| Viscosity approx.:              | 13000 mPa·s                    |
| Water resistance:               | Good                           |

\* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

### PACK SIZES

40 g, 570 g, 3750 g

### STORAGE CONDITIONS

Store in tightly closed packaging in a dry, cool and frost-free place.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.