

# UHU® POR

## QUICK-SETTING SPECIAL ADHESIVE FOR POLYSTYRENE



### PRODUCT DESCRIPTION

UHU 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.

### PROPERTIES

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

### PREPARATION

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

**Personal safety:** UHU 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:** This information is the result of carefully executed tests. This Technical Data Sheet has been prepared to the best of our knowledge to provide you with advice when gluing. We cannot be held responsible for the results or any damage suffered, as the variety of factors involved (type and combination of materials and working method) are beyond our control. Users have to carry out their own checks and trials. Liability can only be accepted for the consistently high quality of our product.

### CURE TIMES\*

**Drying/Curing time:** approx. 5 -10 minutes. This might vary, based on circumstances, like temperature and humidity.

**Final bonding strength after:** approx. 72 hours

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

### TECHNICAL PROPERTIES

**Moisture resistance:** Good

**Water resistance:** Good

**Temperature resistance:** -30°C - +70°C

### TECHNICAL SPECIFICATIONS

**Appearance:** Yellowish liquid

**Chemical base:** Styrol-Butadien rubber (SBR)

**Bonding technique:** 2-sided application

**Colour:** White (Transparent)

**Consistency:** Medium viscosity

**Viscosity:** approx. 13.000 mPa.s., Liquid

**Solid matter:** approx. 33 %

**Density:** approx. 0.79 g/cm<sup>3</sup>

**Specifications:** Appearance: slightly yellowish, clear

Consistency: Medium viscosity

Solvent: Aliphatic solvent mixture

Solid content [%]: approx. 32

Flashpoint [°C]: approx. -5

Danger class (VbF): A I

### STORAGE CONDITIONS

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

### PACK SIZES

40 g, 570 g

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