

## SPIDER GLUE TOTAL CRYSTAL

### PRODUCT DESCRIPTION

A universal, single-component hybrid adhesive based on SPUR polymers. A crystal-clear assembly adhesive and sealant for bonding, securing, and sealing a wide range of building materials to both smooth and porous surfaces. It enables flexible, vibration-absorbing bonding.

### APPLICATION

#### **Bonding:**

e.g. glass, glass-wood, mineral-acrylic composite, quartz conglomerate, concrete, brick, clinker, OSB, MDF and HDF boards, chipboards and glued boards, plywood, MFP and laminated boards, decorative and structural wood, iron, aluminum, galvanized sheet metal, steel, stainless steel and other metals, ceramic tiles, stoneware, cork.

#### **Fixing:**

e.g. skirting boards made of MDF, polyurethane, aluminum, stainless steel, PVC and wood, window sills, stairs, door thresholds, roof edges, structural panels, insulating materials, plasterboards, polystyrene decorations and decorative frames.

#### **Sealing:**

e.g. window sills, door thresholds, skirting boards, window frames, stair steps, etc.

Also suitable for sealing cracks in walls and ceilings.

Bonding of PMMA, PC, PP, PE or Teflon only after carrying out a compatibility and adhesion test.

***\*It is not recommended as a glass sealant and is not intended for gluing aquariums.***

### APPLICATION EXAMPLES / INDUSTRIES

- › Assembly gluing and sealing;
- › Furniture industry;
- › Stonemasonry plants and products;
- › Construction and repair of special vehicles, trailers and caravans;
- › Solar and wind power plants;
- › Window and door construction;
- › Construction of devices and installations;

## Technical Data Sheet (TDS)

### SPIDER GLUE TOTAL CRYSTAL

- › Various industrial sectors;
- › Advertising industry

#### PRODUCT PROPERTIES

- › Flexible, transparent adhesive connection;
- › Crystal clear after curing;
- › Free of silicones, acids, bases and isocyanates;
- › Slight shrinkage;
- › Extremely fast setting time;
- › Compensates for the expansion of various materials;
- › Good resistance to weather conditions;
- › Good resistance to UV radiation;
- › Suitable for painting (wet on wet) and sanding;
- › Resistant to chemicals including: aliphatic solvents, ketones, alcohols, esters, diluted acids and bases, and salt water;
- › When gluing elements to substrates made of mineral plaster, fiber cement, old concrete or limestone masonry, it is recommended to use a deep penetrating primer.

#### TECHNICAL PARAMETERS

Colour	crystalline/transparent
Working temperature	from 0°C to +40°C
State of matter	sticky paste
Curing mechanism	moisture from the air
Skin formation time	12-15 min. (23°C, RH 50%)
Curing speed	2 mm/24 h (23°C, RH 50%)
Relative density	1,05 ±0,02 g/m <sup>3</sup>
<b>Hardened joint</b>	
Hardness (Shore A)	45±3
Elongation at break	>250%
Module of elasticity	1,2 N/mm <sup>2</sup>
Thermal resistance (after curing)	-40÷+90°C

*The above table is for informational purposes only*

#### DELIVERY FORM | PACKAGE

Cartouche, 290 ml



## Technical Data Sheet (TDS) SPIDER GLUE TOTAL CRYSTAL

### DIRECTIONS FOR USE

The surfaces to be joined should be dust-free and free of any contaminants that could reduce the adhesion of the adhesive, and any oil, grease, poorly bonded paint or varnish coatings, and any residues of previous putties and sealants should be removed from the substrate. Degrease the bonded surfaces with mineral spirits or alcohol (isopropanol, ethanol) when bonding glass, tiles, or metals. When bonding plastics, use a detergent as a degreasing agent. Cut the tip and screw on the applicator. Place the cartridge in an application gun designed for thicker masses (due to the product's viscosity). Apply at a right angle to the surfaces being bonded. Apply the product in vertical strips on one side, maintaining 20-30 cm spacing (depending on the size and weight of the bonded element), to ensure good access of atmospheric moisture to the adhesive joint. The glued elements should be joined within 10 minutes of applying the adhesive. To achieve optimal bond strength, the glued elements should be pressed together to achieve a joint thickness of 2-3 mm. Correction of the position of the bonded element is possible within 10 minutes of applying the adhesive to the bonded surfaces. The adhesive sealant can be removed from tools and bonded elements with a dry cloth or one soaked in alcohol or petroleum jelly, but only mechanically once it has set.

### STORAGE AND EXPIRY DATE

The product should be stored in a closed container, upright, in a dry, well-ventilated place, away from direct sunlight and other sources of heat and ignition. Storage temperature: +5°C to +30°C (room temperature recommended). Expiration date: 18 months from the production date. The production date is located on the packaging.

### HEALTH AND SAFETY RECOMMENDATIONS

When using this product, normal occupational hygiene rules should be followed. Keep out of reach of children. Before use, familiarize yourself with the conditions for safe use of the product on the packaging and in this technical data sheet. Detailed information on the safety of use and hazards posed by the product is included in the Material Safety Data Sheet.

*With the publication of this data sheet, all previous editions become invalid. Release: 02/25*

The product information contained in the technical data sheet is the result of conducted research. With regard to the possibility of using the product (point 3 of this technical data sheet), they should be treated only as recommendations resulting from the manufacturer's experience. Due to the numerous application possibilities and a wide range of work methods using the product, the Manufacturer does not bear any responsibility in this respect, and in particular is not responsible for the consequences of improper use of the product or the effects of work involving the product. Product information is valid only in its most current version.

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