

## SPIDER GLUE TURBO

### PRODUCT DESCRIPTION

Spider Turbo is a single-component hybrid adhesive with very rapid strength development based on MS polymers. Suitable for bonding, fastening, and sealing a wide range of building materials on smooth, porous, and non-porous surfaces.

### APPLICATION

#### **Bonding:**

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

#### **Fixing:**

e.g., MDF skirting boards, polyurethane boards, aluminum, stainless steel, PVC, wood, window sills, stairs, door thresholds, construction boards as well as insulation materials, plasterboards, decorative elements, polystyrene, moldings, frames.

#### **Sealing:**

e.g., skirting boards, window frames, stair treads, window sills, and door thresholds. It is also suitable for sealing cracks in walls and ceilings.

*For concrete, limestone masonry, mineral plaster, fiber cement, and similar substrates, we recommend using a primer.*

*Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene, and bituminous surfaces. When bonding plastics, always perform an adhesion test first. Adhesion to plastics may vary depending on the type of plastic and its quality.*

### APPLICATION EXAMPLES / INDUSTRIES

- › Strong bonding in vibrating structures;
- › Flexible gluing of panels, profiles and most other substrates;
- › Sealing floor joints;
- › Sealing and gluing in construction;
- › Gluing objects, including small decorations, panels and profiles;
- › Bonding in industrial applications, including car bodies, caravans, and metal containers;

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### SPIDER TURBO

- › Bonding elements of facade and wall sandwich panels;
- › Solar and wind power plants;
- › Furniture industry;
- › Construction of devices and installations;

### PRODUCT PROPERTIES

- › Extremely fast setting time;
- › Thin and flexible adhesive joint;
- › Free from silicone, alkalis, acids and isocyanates;
- › Good weather and UV resistance;
- › High adhesion to a wide range of building materials, including: brick, concrete, stone, ceramics, tiles, metals, wood, OSB/MDF boards, plasterboards, plastics, insulating materials (polystyrene, polyurethane), and cladding materials (cork, clinker);
- › It can be painted/varnished with various types of paints, but due to the wide range of paints and coatings available on the market, it is recommended to perform a compatibility and adhesion test for different configurations of the materials being bonded;

### TECHNICAL PARAMETERS

Colour	white
Working temperature	from 0°C to +40°C
State of matter	highly viscous paste
Curing mechanism	moisture from the air
Skin formation time	about 4 min. (23°C, RH 50%)
Curing speed	2-3 mm/24 h (23°C, RH 50%)
Relative density	1,43 ±0,02 g/m <sup>3</sup>
<b>Hardened joint</b>	
Hardness (Shore A)	65±3
Elongation at break	>200%
Module of elasticity	2,2 N/mm <sup>2</sup>
Thermal resistance (after curing)	-40÷+90°C
Tensile strength	2,8 MPa

*The above table is for informational purposes only*

### DELIVERY FORM | PACKAGE

Cartouche PCR, 290 ml

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**DIRECTIONS FOR USE**

The surfaces to be bonded should be dust-free and free of any contaminants that could reduce adhesive adhesion. Remove any oil, grease, and loosely bonded paint or varnish coatings, as well as any residue from previous putties or sealants. 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 used for thick masses (due to the product's viscosity). Apply the product at right angles to the surfaces being bonded. Apply the product on one side in 2-3 mm vertical strips, spaced 10-20 cm apart (depending on the size and weight of the bonded element), to ensure good access of atmospheric moisture to the adhesive joint. **Do not apply glue in dots.** The glued elements should be joined within 2 minutes of applying the adhesive. To achieve optimal bond strength, the glued elements should be pressed together to achieve a 2 mm thick joint. Adjustments to the position of the glued element are possible up to 4 minutes after applying the adhesive to the bonded surfaces. The adhesive sealant can be removed from tools and glued elements with a dry cloth or one soaked in alcohol or petroleum jelly, but only mechanically after setting.

**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.

**RYTM TRADE Sp. z o.o.**  
ul. Strefowa 14  
43-100 Tychy | Poland  
Tel.: +48 32 324 00 60 /61

**[WWW.RYTMTRADE.COM](http://WWW.RYTMTRADE.COM)**