Strong SuperQuick

Super quick transparent epoxy based adhesive. Ideal for fast, strong and invisible repairing of pottery, porcelain, glass, leather, wood, stone, metal and ceramics to themselves or to each other.

The adhesive joint is resistant towards water, normal household chemicals and solvents of different types.

**HIGH RESISTANCE TO CHEMICALS**

**WITHSTAND TEMPERATURES UP TO APPROXIMATELY 70°C**

**IDEAL FOR FILLING CRACKS THANKS TO FILLING CAPACITY**

**GOOD CHOICE WHEN BONDING BETWEEN TIGHT MATERIALS**

**SUPER QUICK CURING**

**TRANSPARENT GLUE LINE**

**CAN BE SANDED, FILLED, DRILLED AND PAINTED AFTER CURING**

**TECHNICAL DATA**

- **Basis:** Resin: Epoxy resin
  Hardener: modified amine
- **Solvent:** None
- **Consistency:** Liquid
- **Density:** Approx. 1170 kg/m³
- **Dry solid:** 100%
- **Appearance:** Transparent
- **Service temperature:** -40°C to +100°C
- **Flash Point:** >100°C

**APPLICATION DATA**

- **Application temperature:** +5°C - +35°C
- **Tools:** Plastic spatula for mixing and application.
- **Pot life:** After mixing resin and hardener, the mixture must be used within 60-90 seconds at 23°C.
- **Mix ratio:** Equal parts of resin and hardener (by volume or weight).
- **Do not use the surface which is going to be assembled as mixing underlayer. This will affect correct hardening and also cause bad adhesion.**
- **Coverage:** 24 ml = approx. 240 cm² (coat of 1 mm).
- **Handling time:** Approx. 2 – 5 minutes
- **Curing time:** Approx. 1 – 2 hour. Curing takes longer at lower temperatures, and shorter at higher
- **Storage life:** At least 24 months after date of manufacture (can be read on the top of the syringe/syringe holder (4 digit code: week: 01-52 Day:

1-5 Year. 2- Not sensitive to freezing.

**SURFACE PREPARATION**

The surfaces to be glued must be clean, dry and free from grease. For even bonding slightly roughen surfaces with sandpaper. Remove the dust. Glass should be washed with an alkaline detergent, rinsed in clean water and allowed to air-dry.

**DIRECTIONS FOR USE**

**SYRINGE PACK**

Cut the ends from the nozzles where marked. After use – don’t forget to seal the nozzles with the cap located in the plunger handle, the cap will only fit in the right way.

Remove spatula from side of double syringe and cap from handle. Break safety seal of double syringe. Dispense equal quantities of both parts into a separate mixing tray. Stir well using enclosed spatula. At room temperature (+20°C), mixture remains workable for approx. 5 minutes. Apply a thin layer to one surface. Join immediately and hold in place for 20 minutes. Do not move bonded parts until after complete cure. After use, clean nozzles with a cloth and place special double cap from handle on double syringe. Resin and hardener should not be in contact when not in use.

Heat-curing will shorten the curing time and make the joint stronger.
Note! The yellowing of the product will increase with heat curing.

**TIMES TO MINIMUM SHEAR STRENGTH**

<table>
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<tr>
<th>Temperature °C</th>
<th>10</th>
<th>15</th>
<th>20</th>
<th>23</th>
<th>40</th>
<th>60</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cure time to reach LSS &gt; 1 N/mm²</td>
<td>35</td>
<td>20</td>
<td>20</td>
<td>5</td>
<td>2</td>
<td>1</td>
<td></td>
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<tr>
<td>Cure time to reach LSS &gt; 10 N/mm²</td>
<td>120</td>
<td>70</td>
<td>61</td>
<td>25</td>
<td>10</td>
<td>2</td>
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</table>

LSS = Lap shear strength
Note! Professional application with heat, always use an oven with a pressure below that of the atmosphere

**LIMITATIONS**
Not suitable for gluing Polyethylene (PE), Polypropylene (PP) and silicone rubber.

**HANDLING AND CLEANING INSTRUCTIONS**
When working with adhesive, cleanliness must be observed. Therefore always work carefully and systematically in order to avoid unnecessary spillage. Remove fresh stains immediately with warm water and soap.

Cured adhesive can only be removed mechanically.

On skin, uncured adhesive is wiped off with a rag, then wash with soap and water.

Keep out of reach of children.

Do not empty into drains.

**ENVIRONMENTAL ASPECTS**
For additional health and safety information consult the Safety Data Sheet.