

Product Information

Glass Bond is a moisture resistant adhesive with a colourless bondline and is especially suited to repairing and bonding glassware, glass ornaments, ashtrays and all general glass bonding applications. Glass Bond begins to cure when exposed to ultraviolet radiation present in sun/daylight.

Guidance for use

Use the product on a suitable worktop, protected against damage. It is advisable to test an application on a hidden area if there is any doubt about suitability of the product for a particular application. Materials to be bonded should be close fitting, clean and free of grease. Degrease if necessary with cellulose thinners, or acetone, and roughen metal surfaces with an abrasive.

Do not apply in direct sunlight. Apply a thin coat of adhesive to one surface only and position parts accurately. If necessary tape parts together to prevent movement, but do not cover the bond line whilst curing.

Place the object in direct sunlight ensuring that the bondline is exposed to strong daylight. For best results, allow the bond to cure in warm, dry conditions. Make sure that no condensation forms on the glass when bonding under cold conditions:

| | | |
|----------------------------|-----------------|------------------|
| Approximate setting times: | Bright sunlight | - 30 to 40 secs. |
| | Cloudy | - 2 to 4 mins. |
| | Heavy cloud | - 4 to 6 mins. |

Remove fresh adhesive stains immediately with acetone, and cured adhesive with a sharp knife.

Note: This product is not suitable for lead crystal.

Technical data

Liquid properties

Medium viscosity one part glass to glass adhesive. Cures at 470nm

| | |
|----------------------------------------|-----------------------------|
| Appearance | Clear, colourless |
| Flashpoint | 97 ± 1.5 °C |
| Density | 1,0757 (g/cm ³) |
| Shelf Life | 12 months, unopened |
| Viscosity Brookfield @ 25°C, spindle 4 | 2740 @ 20rpm, 2748 @ 50rpm |

Polymer properties

| | |
|-------------------|-----------------------|
| Appearance | Clear, colourless |
| Refractive Index, | 1,4663 |
| Full Cure Time | 30 seconds (at 470nm) |

Cured performance

Cure Speed (using 125 watt mercury vapour lamp @ 2cm)

| | |
|--------------|------------|
| Initial cure | 15 seconds |
| Full cure | 30 seconds |

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