

Dymax UV Curing Glass Bonding Adhesives



Description

DYMAX UV Curing Glass Bonding Adhesives cure in seconds upon exposure to uv and/or visible light from [UV curing lamps](#). Additionally, DYMAX Multi-Cure® grades cure with UV light, activator or heat even through UV blocked and tinted glass. These worker friendly glass bonding resins form high strength, crystal clear, environmentally resistant bonds to glass as well as a variety of plastic and metal substrates. They adhere to soft glass, borosilicate glass, lead crystal, steel, plated metals and thermoset plastics. They are excellent adhesives for bonding stemware, glass headlamps, art glass, crystal figurines, trophies, architectural glass, novelties, metal brackets to glass and lens laminating.

Features & Benefits

- Single part, no mixing required
- Cure in seconds
- Bond to soft glass, borosilicate glass, lead crystal, steel, plated metals, and thermoset plastics
- High strength
- Crystal clear
- Environmentally resistant
- For decorative and industrial glass assembly

Applications

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- Stemware
- Glass headlamps
- Fountain assembly and furniture assembly
- Art glass, architectural glass, and bullet proof glass
- Crystal figurines, trophies, and novelties
- Metal brackets to glass
- Laminating

Selector Guide

Product	Application	Features
<i>Most popular, core products</i>		
Dymax 429 DYM 429	Glass, plastic and metal bonding; glass laminating; bulletproof glass bonding; glass trophy assembly	Resists yellowing, vibration and thermal shock; optically clear; general purpose bonding, potting and sealing; for large area bonding

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Product	Application	Features
Dymax 425 DYM 425	Glass stemware bonding; fountain assembly	Dishwasher safe; water clear; low viscosity; exceptional tensile strength; good vibration and impact resistance
Dymax 431 DYM 431	High temperature and moisture resistant glass-to- metal bonding adhesive	Low shrinkage; UV/visible light- curable; LED curable; rapid bonding of glass and metal (stainless steel, aluminum, brass, and copper), wide variety of plastics such as ABS, CAP, PA, PC, PCTG, PEBA, PEEK, PET, PETG, PI, PVC, and SAN, as well as ceramic and FR4
Dymax 6-621 DYM 6-621 Dymax 6-621-GEL DYM 6-621-GEL	Glass/metal bonding to phenolic and filled plastics	High tensile strength; suited for rigid adhesive applications; clear, hard bonds; cures with UV light, heat or pre-applied activator
<i>Other products</i>		

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Product	Application	Features
Dymax 401 DYM 401	Crystal assembly; glass furniture bonding; adhering metal brackets to glass	Excellent adhesion to glass and metal; low viscosity; very good moisture resistance; good for close fitting parts
Dymax 4-20418 DYM 4-20418	Bonding glass to acrylic; mirror assembly	Cures through UV blocked and tinted glass and plastics; resists yellowing in the sun; good performance during thermal cycling; low stress
Dymax 602-REV-A DYM 602-REV-A	Bonding metal, steel and aluminium to glass	Cures with heat, light or pre-applied activator; tough, resilient bonds; can be used for coil terminating, unitising and tamper proofing adjustment screws

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Dymax 625-REV-A DYM 625-REV-A	Glass, metal, plastic bonding; adhering plastic lenses to eyeglass frames; bonding leads to glass headlamps and latches to windows	Flexible and resilient; bonds can withstand strains caused by different coefficients of expansion that can be present when bonding dissimilar substrates; cures with UV light, heat or pre-applied activator

Please [request detailed product data sheets](#).

Other Information

See how **Dymax 429** works as part of a real application in this UV Curing Adhesive [Case Study](#):

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CASE STUDY

intertronics
adhesives, coatings, sealants & equipment
for your manufacturing and technology applications

Dymax 429
UV adhesive for
glass bonding
IUV 250
UV curing flood
lamp



[UV adhesive provides virtually invisible bond for prestigious bespoke clock](#)

A custom design clock benefits from the use of UV adhesive and curing equipment for a transparent bond line finish.

Ordering Information

Find out more information on [how to purchase](#).

Our technical team are on hand to discuss your application requirements, [click here](#) to get in touch.

Supplied by:

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