

Product Sales Tool *UV6160 & UV6231*

PERMABOND is now offering two new high performance UV-curable adhesive products to customers wishing to maximise aesthetic appearance and environmental durability. UV6160 has been developed to offer high optical clarity, even in high stress-loading applications (UVs can often appear white in high stress joints). UV6231 has been developed to withstand extreme environmental conditions (such as dishwashers or a wet environment) with the proviso the joint design is good. Both have excellent resistance to yellowing and sunlight ageing.

Application Examples



↑ Bonding glass furniture



↑ Drinks glasses



↑ Glass bathroom fixtures



↑ Tea cups

	Benefits	Limitations
Mechanical Fastenings	<ul style="list-style-type: none"> • Tried, tested and trusted • No requirement for a lamp • No cleanup required • Long-term durability 	<ul style="list-style-type: none"> • Increased component weight • Rattling and vibration noise • Poor appearance • Extra processing - holes may need to be drilled into glass - risk of breakage, processing cost • Weakening of glass around hole (think of how a pair of glasses always cracks around the hole if nose pieces are screwed in).
Permabond UV6160 & UV6231	<ul style="list-style-type: none"> • High strength • Good aesthetic appearance - bond remains invisible • Keeps components more lightweight and streamlined • Easier assembly process • Instant cure on demand • No need to remain in jig or clamp for a long time 	<ul style="list-style-type: none"> • Temperature performance • Will not cure in shadow areas • Requires UV lamp for cure

Competition

UV curable adhesives are formulated with a broader selection of raw materials than anaerobics and cyanoacrylates. Although the TDS's of two UV adhesives may compare closely, the products could be vastly different.

When replacing competitive adhesives it is best to review the application requirements in addition to the competitive product.

Industries to Target

- display cabinets and shelving
- kitchen goods
- solar panels
- sculpture / artwork
- architectural glass work

Permabond®

Engineering Adhesives

Confidential - Sales Tools

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Finding Manufacturers

UK - Check out the Applegate directory (www.applegate.co.uk) and head to the products index. From there you can select the desired industry e.g. electric motors or rotary die cutting equipment.

UK, Europe, Asia and Australasia - Kompass (see www.kompass.com) is searchable by country and by product. This will yield potential manufacturing leads in your region.

Americas - Thomas directory (www.thomasnet.com) is a popular source of information regarding manufacturers of specific products.

Alternatively, Permabond is more than happy to investigate specific target areas for you and can also advise of any branches of multinational Permabond users who may be in your area.

www.permabond.com

• Americas - 732-868-1372

• Asia + 86 21 5773 4913

• Europe +44(0)1962 711661

info.americas@permabond.com

info.europe@permabond.com

info.asia@permabond.com



Additional Resources

Other Brochures Available:

- UV6160/UV6231 Sales brochure

e-mail help.europe@permabond.com
or info.americas@permabond.com

Our Science ... Your Success

Business Development

Permabond's business development team will support your efforts finding manufacturers in your area. Contact Permabond for assistance prospecting as well as for sales tools and training information.

Sales

Permabond's sales engineers are available to support you in selecting the best possible adhesive solution for your customer, as well as further training and joint visits.

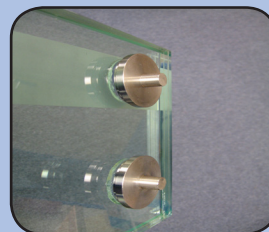
Technical Support

The experienced team of Permabond chemists is on hand to support you with product information, testing, and custom formulations.

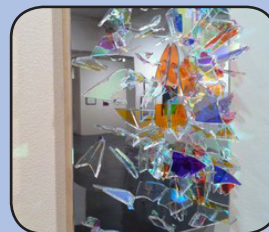
Application Examples



↑ Architectural home fixings / furnishings e.g. modern shelving, splashbacks, glass staircases



↑ Metal fittings onto glass (e.g. hinges, handles, legs etc.) so that drilling is not required



↑ Glass artwork and sculpture

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