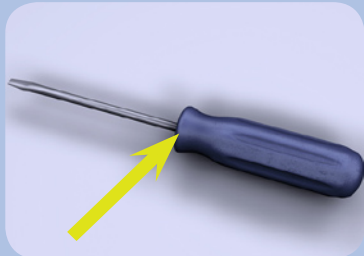


Product Sales Tool ET514

Permabond ET514 is a toughened two-part epoxy adhesive that cures rapidly at room temperature. It is 1:1 mix ratio and is easy to apply via a dispensing gun.

Application Examples



↑ Bonding tool handles



↑ Bonding access platform bases



↑ Bonding carbon fibre drive shafts



↑ Bonding GRP enclosures

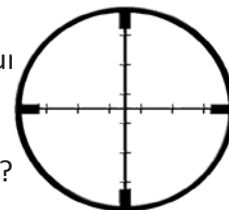


↑ Clean room wall and ceiling panels

	Benefits	Limitations
Welding / Brazing	<ul style="list-style-type: none">• Tried, tested and trusted• Simplified joint design	<ul style="list-style-type: none">• High skill level required - costly• Rigid, can cause witness marks through thin metal• Poor appearance - discolouration• Difficulty joining dissimilar materials• Oxy-acetylene in the workplace
MMA-based Structural Acrylic	<ul style="list-style-type: none">• Quicker strength development• Higher peel strength	<ul style="list-style-type: none">• Flammability and odour• Short open time so assembly must be fairly quick
Permabond ET514	<ul style="list-style-type: none">• Toughened - good impact resistance and peel strength• Can be used to bond dissimilar metals, composites and plastics• Less skill required - helps reduce production costs.• Safer assembly process• Good gap filling capability• Rapid room temperature cure	<ul style="list-style-type: none">• Certain joint configurations may need re-designing to optimise performance• Temperature performance

Industries to Target

- Mesh sieve and filter manufacturers
- Access platform and equipment manufacturers
- Enclosure manufacturers
- Clean room manufacturers and fitters
- Who do carbon fibre manufacturers sell to?
- Who do GRP manufacturers sell to?



Competition

Competitor	Competitive Grade	Permabond Advantage
Bondmaster / Henkel	E04	More toughening (so higher peel strength), better impact resistance
Araldite	2015	Quicker strength development
Araldite	2022	Permabond product does not contain any MMA = less hazardous and lower odour

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Product Sales Tool ET514

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. access platforms etc.

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. Alibaba directory is quite useful for middle Eastern and Asian leads and Ferret.com.au for Australia.

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

Application Profiles Available:

- Bus panel
- Caravan interior
- Van racking

Other Brochures Available

- Structural acrylics brochure
- Transportation 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.

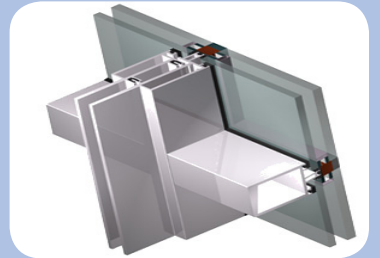
...More Application Examples



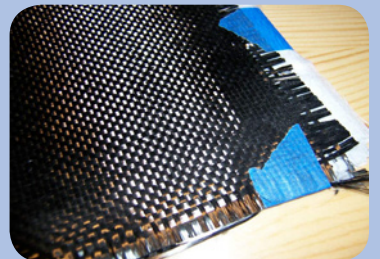
↑ Bonding composite for missile launcher



↑ Bonding sheet metal on crushers



↑ Securing aluminium curtain walling



↑ Bonding carbon fibre



↑ Encapsulating components inside credit card reader

Permabond
Engineering Adhesives

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