

# Statement Of Acceptance Of An Adhesive/ Bonding Paste

<b>Manufacturer</b>	<b>Wessex Resins &amp; Adhesives Limited</b>
<b>Address</b>	Cupernham House, Cupernham Lane, Romsey, SO51 7LF, United Kingdom
<b>Product</b>	<b>WEST SYSTEM EPOXY RESIN 105 USED WITH 205 AND 206 HARDENERS</b>
<b>Type</b>	Two component epoxy paste adhesive
<b>Application</b>	Adhesive for bonding, laminating and fillet bonding of wood (including plywood), GRP, aluminium, mild steels, and combinations thereof. For use under ambient conditions
<b>Data</b>	Manufacturer's witnessed test data, technical literature, quality assurance data

## LAPSHEAR TEST DATA

Substrate	105 / 205		105 / 206	
	Bondline thickness 0.3mm	Bondline thickness 3.0mm	Bondline thickness 0.3mm	Bondline thickness 3.0mm
<b>Aluminium dry<sup>1</sup></b>	4.58 MPa	0.66 MPa	8.24 MPa	1.04 MPa
<b>Aluminium wet<sup>2</sup></b>	3.06 MPa	1.22 MPa	3.63 MPa	1.73 MPa
<b>Steel dry<sup>1</sup></b>	8.93 MPa	2.46 MPa	9.97 MPa	2.6 MPa
<b>Steel wet<sup>2</sup></b>	5.16 MPa	2.19 MPa	4.53 MPa	2.13 MPa
<b>FRP dry<sup>1</sup></b>	13.79 MPa	4.6 MPa	15.72 MPa	6.56MPa
<b>FRP wet<sup>2</sup></b>	13.05 MPa	4.67 MPa	13.02 MPa	4.93 MPa

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<b>Wood dry<sup>1</sup></b>	4.9 MPa	2.87 MPa	4.98 MPa	2.44 MPa
<b>Wood wet<sup>2</sup></b>	2.07 MPa	1.29 MPa	2.4 MPa	1.01 MPa

<sup>1</sup> lapshear tested at ambient temperature

<sup>2</sup> lapshear samples aged in water at 35°C for 28 days

**Applicable LR Rules** Lloyd's Register Rules for the Manufacture, Testing and Certification of Materials

(i) The manufacturer's recommendations for surface preparation and cure conditions must be followed

(ii) Users should ensure tests are carried out to establish the suitability of the product for the bonding of their particular substrates

This certificate is issued to the company named above. Based on the examination of the data submitted the product described is considered acceptable for use in constructions built under Lloyd's Register's survey. This acceptance is subject to Lloyd's Register being informed of any changes in or modifications to the product and the product being used in accordance with the manufacturer's instructions and with the relevant requirements of Lloyd's Register's Rules and Regulations.