Certificate No: LR2003647ALP
Issue Date: 02/04/2020
Expiry Date: 01/04/2025

Statement Of Acceptance Of An Adhesive/ Bonding Paste

Manufacturer Wessex Resins & Adhesives Limited

Address Cupernham House, Cupernham Lane, Romsey, SO51 7LF, United Kingdom

Product **WEST SYSTEM EPOXY RESIN 105 USED WITH 205 AND 206 HARDENERS**

Type Two component epoxy paste adhesive

Application Adhesive for bonding, laminating and fillet bonding of wood (including plywood), GRP, aluminium, mild steels, and combinations thereof. For use under ambient conditions

Data Manufacturer's witnessed test data, technical literature, quality assurance data

LAPSHEAR TEST DATA

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

Downloaded Copy

Mayur Jogia

Lead Specialist - Non-Metallics to Lloyd's Register EMEA
A member of the Lloyd's Register Group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Certificate No: LR2003647ALP
Issue Date: 02/04/2020
Expiry Date: 01/04/2025

Statement Of Acceptance Of An Adhesive/ Bonding Paste

Wood dry[1]	4.9 MPa	2.87 MPa	4.98 MPa	2.44 MPa
Wood wet[2]	2.07 MPa	1.29 MPa	2.4 MPa	1.01 MPa

[1] lapshear tested at ambient temperature
[2] 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.

Downloaded Copy

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.