

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>0307</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>4ward Testing Ltd</h3> <p>Issue No: 033 Issue date: 08 August 2017</p>	
	<p>5 Hampers Common Industrial Estate Petworth West Sussex GU28 9NR</p>	<p>Contact: Ms Lesley Komatsu Tel: +44 (0)1798-342240 Fax: +44 (0)1798-344482 E-Mail: info@4wardtesting.co.uk Website: www.4wardtesting.co.uk</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>ADHESIVES</p> <p>Prepregs, pressure sensitive tapes, bitumen coated pipewraps and related materials exhibiting adhesive properties</p>	<p><u>Mechanical Tests</u></p> <p>Adhesion (Forces up to 1 kN)</p> <p><u>Environmental Tests</u></p> <p>Evaluation of resistance to chemical reagents</p>	<p>ASTM D1000-2010, Section 46-50 Documented In-House Method No. M0032</p> <p>ASTM D543-14:Practice A: Procedures I and II</p>
<p>PLASTICS and PRODUCTS</p> <p>Non-rigid plastic sheet <6mm thick</p> <p>Cured reinforced resins Non-cellular plastics</p> <p>Cast, hot moulded, cold moulded, laminated resinous products and plastic sheet</p>	<p><u>Mechanical Tests</u></p> <p>Tensile strength at ambient temperature Elongation (excluding modulus of elasticity) (Forces up to 1 kN)</p> <p>Tensile strength at ambient temperature Elongation (Forces up to 1 kN)</p> <p>Density (> 1 gm/cm³)</p> <p>Evaluation of resistance to chemical reagents</p>	<p>ASTM D 412-2016 Method A ASTM D 638-14</p> <p>BS EN ISO 527-3:1996, BS 2782-3 Method 326E:1995</p> <p>Documented In-House Method No. M0006</p> <p>ASTM D543-14:Practice A: Procedures I and II</p>



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RUBBER and PRODUCTS	<u>Mechanical Tests</u> Tensile strength at ambient temperature (Forces up to 245N) Elongation	ASTM D412-2016 Method A
	<u>Environmental Tests</u> Evaluation of resistance to chemical reagents	ASTM D543-14:Practice A: Procedures I and II
ADHESIVES and SEALANTS	<u>Mechanical Tests</u> Elastic Recovery	BS EN ISO 7389: 2003
	Resistance to Flow	BS EN ISO 7390: 2003
	Tensile Properties, extension to break	BS EN ISO 8339: 2005
	Tensile properties at maintained extension	BS EN ISO 8340: 2005
	Adhesion/cohesion properties at constant temperature	BS EN ISO 9046: 2004
	Adhesion/cohesion properties at variable temperatures	BS EN ISO 9047: 2003
	Change in Mass and Volume	BS EN ISO 10563: 2005
	Tensile properties at maintained extension after immersion in water	BS EN ISO 10590: 2005
	Adhesion/Cohesion after immersion in water	BS EN ISO 10591: 2005
	Adhesion/Cohesion after exposure to Heat/Light/Water	BS EN ISO 11431: 2002
Cementitious adhesives	Tensile Adhesion Strength Durability of bond strength against water/humidity, climate/heat and freeze-thaw	BS EN 12004-2:2017 Section 8.3



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ADHESIVES and SEALANTS (cont'd)	<u>Mechanical Tests</u> (cont'd)	
Dispersion Adhesives	Shear Adhesion Strength Durability of Bond strength against climate/heat and water/humidity	BS EN 12004-2:2017 Section 8.4
Reaction Resin Adhesives	Shear Adhesion Strength Durability of Bond Strength against climate/heat and water /humidity	BS EN 12004-2:2017 Section8.5
Cementitious, dispersion and reaction resin adhesives	Open time	BS EN 12004-2:2017 Section 8.1
END		



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Accreditation for the purpose of Notified Body activity taking into account EA 2/17

Directive / Regulation	Conformity Assessment Procedure / Module / Article	Category of Products or Individual Products	Essential Requirements: Product Specification / Properties / Standards
The Construction Products Regulation (EU) No 305/2011	Annex V – Testing Laboratory (AVCP) System 3	2011/19/EU Sealants for non-structural use in joints in buildings and pedestrian walkways (1/2) : - Sealants for external walls - outdoor applications	BS EN 15651-1:2012
	Annex V – Testing Laboratory (AVCP) System 3	2011/19/EU Sealants for non-structural use in joints in buildings and pedestrian walkways (1/2) : - Sealants for glazing for uses in building construction	BS EN 15651-2:2012
	Annex V – Testing Laboratory (AVCP) System 3	2011/19/EU Sealants for non-structural use in joints in buildings and pedestrian walkways (1/2) : - Sealants for sanitary joints for uses in building construction	BS EN 15651-3:2012
	Annex V – Testing Laboratory (AVCP) System 3	2011/19/EU Sealants for non-structural use in joints in buildings and pedestrian walkways (1/2) : - Sealants for pedestrian walkways for uses in building construction	BS EN 15651-4:2012
	Annex V – Testing Laboratory (AVCP) System 3	2011/19/EU Sealants for non-structural use in joints in buildings and pedestrian walkways (2/2) : - Sealants for joints (for uses subject to reaction to fire regulations)	BS EN 15651-1:2012 BS EN 15651-2:2012 BS EN 15651-3:2012 BS EN 15651-4:2012



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The Construction Products Regulation (EU) No 305/2011 (cont'd)	Annex V – Testing Laboratory (AVCP) System 3	99/470/EC Construction adhesives (1/2) : - Adhesives for tiles (for internal and external uses in buildings and other civil engineering works).	BS EN 12004:2007 +A1:2012
END			