



## NBS SPECIFICATION – ‘SOLUS’ MOTORISED HATCH.

<b>MANUFACTURER:</b>	Lareine Engineering Ltd, Unit 1, Armadale Industrial Estate Armadale, West Lothian, EH48 2ND E Mail: <a href="mailto:info@lareineengineering.com">info@lareineengineering.com</a> Website: <a href="http://lareineengineering.co.uk">lareineengineering.co.uk</a> Tel: 01501 731600/ 731699 Fax: 01501 733828												
<b>PRODUCT REFERENCE:</b>	Solus’ Motorised Hatch.												
<b>TYPE:</b>	Hatches suitable for all types of flat /pitched roofs.												
<b>FRAME:</b>	Aluminium, Aluminum to BS 1474:1987 Alloy 6063 T-6												
<b>FINISH:</b>	Mill Finish/Polyester Powder Coated.												
<b>COLOUR:</b>	Polyester powder coated to BS 6496 Interpon D36 range. RAL 9010 white matt or any standard RAL colour.												
<b>KERB:</b>	<b>FR 1</b> Lareine Engineering proprietary aluminium upstand 400mm high. This kerb is painted white internally. The upstand is insulated externally with aluminium with hidden motors. <b>BU 1</b> Lareine Engineering proprietary aluminium upstand 150mm high. This kerb is painted white internally. The upstand is insulated externally with insulation encapsulated in aluminium. The flange width can be modified to meet your needs.												
<b>LID:</b>	<table><tr><td><b>TYPE A</b></td><td><b>‘U’ VALUE</b></td></tr><tr><td>Insulated aluminium lid.</td><td>1.42 W/m<sup>2</sup>K</td></tr><tr><td><b>TYPE B</b></td><td><b>‘U’ VALUE</b></td></tr><tr><td>Clear or opal non fragile UV protected polycarbonate dome.</td><td>Double skin 2.2 W/m<sup>2</sup>K Triple skin 1.35 W/m<sup>2</sup>K</td></tr><tr><td><b>TYPE C</b></td><td><b>‘U’ VALUE</b></td></tr><tr><td>Glass – double glazed units.</td><td>1.54 W/m<sup>2</sup>K</td></tr></table>	<b>TYPE A</b>	<b>‘U’ VALUE</b>	Insulated aluminium lid.	1.42 W/m <sup>2</sup> K	<b>TYPE B</b>	<b>‘U’ VALUE</b>	Clear or opal non fragile UV protected polycarbonate dome.	Double skin 2.2 W/m <sup>2</sup> K Triple skin 1.35 W/m <sup>2</sup> K	<b>TYPE C</b>	<b>‘U’ VALUE</b>	Glass – double glazed units.	1.54 W/m <sup>2</sup> K
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<b>FRAGILITY:</b>	They have been tested and are classed as <b>NON FRAGILE</b> Class B to ACR (M) 001:2005 Test for Fragility of Roofing Assemblies												
<b>TESTED/MANUFACTURED TO:</b>	All Rooflights are tested to: BS EN 6375-1:2009 Weather Tightness BS EN 1026 / 12207:2000 Air Permeability BS EN 1873 / 12208:2000 Water Tightness BS EN 12210:2000 Wind Resistance BS EN 1991-1 Snow Load BS EN ISO 140 Acoustic BS EN 1627-1630 Security												
<b>ROOF OPENING:</b>	To suit your requirements												
<b>OPERATION:</b>	2 no. 24 Volt linear actuators.												
<b>OTHER REQUIREMENTS:</b>	Small control panel with reversing switch including 240v/24v transformer.												
<b>FIXING:</b>	In accordance with Lareine Engineering fixing recommendations.												