

# Russell Timber Technology NBS Data Sheet

## Classic Top-Swing Reversible Window

### Technical Specifications

<b>RTT Product Code</b>	HTS	
<b>Performance</b>	Chilt/P10002/01/A	BS 6375:1, 2 & 3 & BS 7950
<b>Air Permeability</b>	600 Pa (Class 4)	BS EN 12207:2000
<b>Water Tightness</b>	1050 Pa (Class E1050)	BS EN 12208:2000
<b>Wind Resistance</b>	2000 Pa (Class A5)	BS EN 12210:2000
<b>Exposure Category</b>	2000	BS 6375:Part1:2009
<b>Resistance To Racking</b>	Class 3	BS EN 13115:2001
<b>Resistance To Static Torsion</b>	Class 3	BS EN 13115:2001
<b>Repeated Opening</b>	10,000 cycles (Class 2)	BS EN 13115:2001
<b>Load On Safety Device</b>	No Damage	EN 14609:2004
<b>Operating Forces</b>	Class 1	BS EN 13115:2001
<b>Security</b>	BS 7950: 1997 Pass	Secured By Design Licensed
<b>Whole Window U-value</b>	1.4 to 0.8 W/m <sup>2</sup> K	
<b>Anticipated Life Expectancy</b>	60 years with regular maintenance	
<b>Security</b>	Tested to the requirements of BS 7950 and Secured By Design	

**Secured by Design**



**Police Preferred Specification**



The mark of responsible forestry



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<b>Acoustic Attenuation</b>	Rw 31dB minimum standard to 44bd				
<b>Operation</b>	The window shall be fully reversible to facilitate safe cleaning of the outer face from within the building				
<b>Timber Species</b>	Laminated North European Redwood, to class 2 and in accordance with BS 1186 Part 1, sourced from managed forests with FSC or PEFC Chain of Custody accreditation. All scantlings meets the standards PN-EN 13 330-1. Impregnation system meets standards EN 152-1, BS EN 335-1				
<b>Moisture Content</b>	12% ± 2% on delivery				
<b>Glazing</b>	<p>Drained and ventilated dry glazed system.</p> <p>The windows to be factory fitted with 24mm thick sealed double glazing units. Glazing unit to be compliant with EN1279. Composition of glass unit is to be (from outside): 4mm float - 16mm argon filled cavity - 4mm float glass with super low-E coating. Other glazing combinations including insulated panels are available on request up to 36mm</p>				
<b>Ironmongery</b>	Single handled system top-swing fully-reversible with an integral restrictor within the Spilka Classic hinge of each opening sash restricting initial opening to less than 100mm. Restrictor manually disengaged to permit window to rotate 180° to allow safe cleaning of glass. Hoppe locking or non-locking handles				
<b>Cills</b>	<table><tr><td>Aluminium Extensions</td><td>60mm, 97mm, 140mm and 169mm</td></tr><tr><td>Timber Extensions</td><td>46mm, 63mm and 93mm</td></tr></table>	Aluminium Extensions	60mm, 97mm, 140mm and 169mm	Timber Extensions	46mm, 63mm and 93mm
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Timber Extensions	46mm, 63mm and 93mm				
<b>Ventilator</b>	Windows can be fitted with an adjustable, draught proof ventilator providing specified equivalent area on request. Located in either the sash or the frame				
<b>Finish As Delivered</b>	Windows supplied factory finished, externally and internally with Teknos Water-based micro porous opaque to specified RAL colour, or stained finish: Aqua prime 1410, Aqua mid 5200, Aquatop 2600				
<b>Fixing</b>	Installation to be carried out using best building practices and in conjunction with recommendations of Russell Timber Technology				
<b>Warranty</b>	Frame, ironmongery and sealed glazing units: Twelve years (subject to manufacturer's standard installation and maintenance procedures)				