



**DANISH
TECHNOLOGICAL
INSTITUTE**

Lacuna A/S
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Order no. 0303/653957
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Appendices 1
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Classification report

Test specimen: Outward opening doorhight folding window (fixed one edge and 3 casements).

The element type is not meant for main entrance to a building and the hardware can only be unlocked and opened from the inside.

Sampling: The test specimens was forwarded by the client and received at the Danish Technological Institute November 2015. The test specimens was marked 653957 by the laboratory.

Classification: EN 1627:2011 (E) Pedestrian doorset, windows, curtain walling, grilles and shutters – Burglar resistance – Requirements and classification.

Period: The testing was carried out 27-11-2015 – 04-12-2015.

Result: The classification obtained is **RC2N**.

Storage: As the test is destructive and non-reproducible the samples have been removed immediately after ending the test.

Terms: The test has been performed according to the enclosed conditions, which are according to the guidelines laid down by DANAK (The Danish Accreditation Scheme). The testing is only valid for the tested specimen. The test report may only be extracted if the laboratory has approved the extract.

22-12-2015, Danish Technological Institute, Sustainable Building


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Test results

Test standard	Conditions	Outward opening doorhight folding window
<p>EN 1628:2011 - Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under static loading</p>	<p>Corner of infilling 3kN</p>	<p>Passed</p> <p>Loading in direction of removing the infill from the casement (loading from the outside towards the inside)</p>
	<p>Locking points 3kN</p>	<p>Passed</p> <p>Loading in direction of opening the casement. The supporting element have been propped during the loading.</p>
<p>EN 1629:2011 - Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance under dynamic loading</p>	<p>Pendulum: 50kg Drop height: 450mm</p>	<p>Passed</p>
<p>EN 1630:2011 - Pedestrian doorsets, windows, curtain walling, grilles and shutters - Burglar resistance - Test method for the determination of resistance to manual burglary attempts</p>	<p>Toolset A1 and A2. Resistance time 3 minutes, overall test time 15 minutes.</p>	<p>Passed</p>