

Performance and test certification

LEIAB's composite window system has been approved by SP, the Swedish National Testing and Research Institute in accordance with the following classifications and test methods:

Performance	Classification	Test method
Air permeability	SS EN 12207 (class 4)	EN 1026
Water tightness	SS EN 12208 (test method 9A)	EN 1027:2000
Resistance to wind load	SS EN 12210 (class 3)	EN 12211

In order to meet more demanding requirements the LEIAB composite window system has also been tested and approved in accordance with the following test methods:

Performance	Test method	Note
Air permeability	BS 5368, EN 42	1800 Pa
Water tightness	BS 5368, EN 77	1800 Pa total 95 min.
Resistance to wind load	BS 5368, EN 77	2400 Pa

Fire resistance:

Product/classification	EI	EW	E
Fixed light <small>frame depth 95 mm</small>	45 min	45 min	60 min
Opening light <small>frame depth 100 mm</small>	45 min	45 min	45 min
Opening light <small>frame depth 83 mm</small>	30 min	45 min	45 min