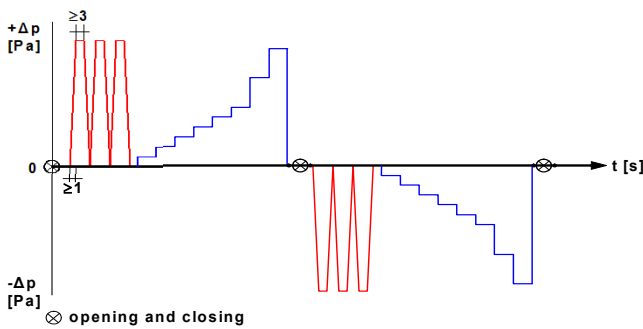


Windows and Doors

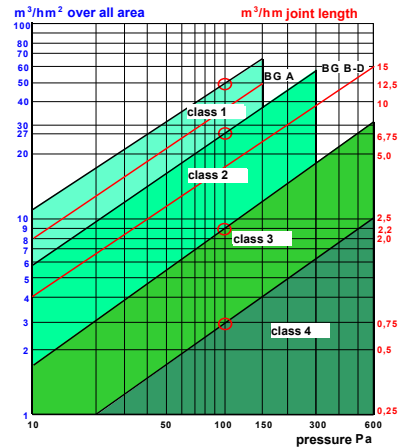
Air permeability, resistance to wind load, watertightness

Air permeability

Test method EN 1026:2016-03

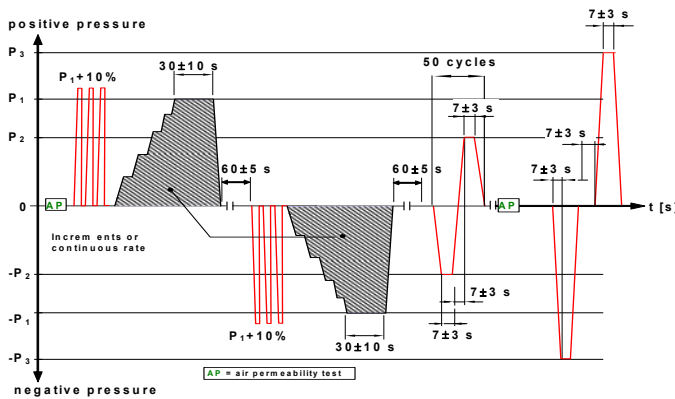


Classification EN 12207:1999-11



Resistance to wind load

Test method EN 12211:2016-03



Classification EN 12210:2016-03

Table 1: Classification of relative frontal deflection

Class	Relative frontal deflection
A	< 1/150
B	< 1/200
C	< 1/300

Table 2: Classification of wind load

Class	P1	P2 ¹⁾	P3
0	not tested	not tested	600
1	400	200	1200
2	800	400	2400
3	1200	600	3600
4	1600	800	4800
5	2000	1000	6000
Exxxx ²⁾	xxxx	xxxx	xxxx

¹⁾ This pressure having been repeated 50 times.
²⁾ Specimen tested with wind loading above class 5, classified Exxxx - where xxxx is the actual test pressure P1 (e.g. 2350 etc.).

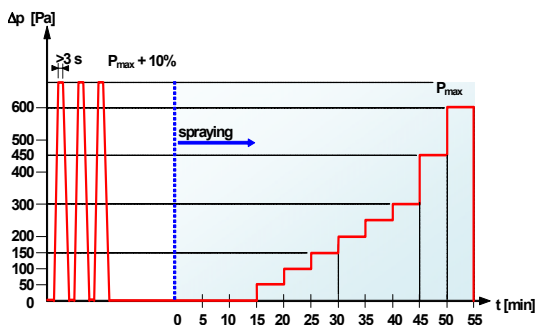
Table 3: Resistance to wind load - classification

Wind load class	A	B	C
1	A1	B1	C1
2	A2	B2	C2
3	A3	B3	C3
4	A4	B4	C4
5	A5	B5	C5
Exxxx	AExxxx	BExxxx	CExxxx

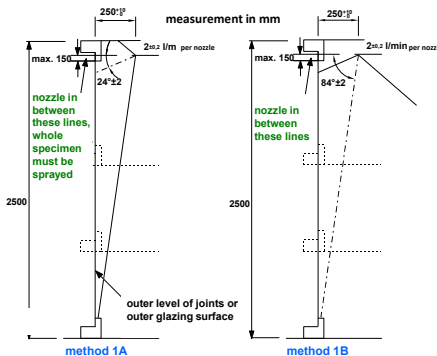
NOTE:
 In the resistance to wind load classification the number refers to the wind load class, see table 2 and the letter to the relative frontal deflection, see table 1.

Watertightness

Test method EN 1027:2016-03



Spraying methods EN 1027



Classification EN 12208

Classification DIN EN 12208:1999-11	Test method DIN EN 1027:2016-03	Δp in Pa
1A	1B	0
2A	2B	50
3A	3B	100
4A	4B	150
5A	5B	200
6A	6B	250
7A	7B	300
8A	-	450
9A	-	600
Exxxx	-	> 600

1A to 9A = product fully exposed
 1B to 7B = product partially shielded
 0 Pa 15 min after 15 min at 0 pressure and 5 min at subsequent steps

Stand: 10-2016