



EN 14351-1:2006 +A1:2009

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ND-Tilt and turn (3-handle) inward opening
S3-NTech Passive-Tilt and Turn
EV-Tilt and turn (1-handle) inward opening

NB-Bottom hung, inward opening
NS-Side hung, inward opening

FA-Fixed light
SA-NTech Passiv Fixed

Reference size: 1230 x 1480

Essential performance characteristics

ID	Characteristic	ND	S3	EV	NB	NS	FA	SA
1	Resistance to wind load Test pressure (EN 12210)	Class 3	Class 3	Class 3	Class 3	Class 3	Class 3	Class 3
2	Resistance to wind load Frame deflection (EN 12210)	Class C	Class C	Class C	Class C	Class C	Class C	Class C
5	Watertightness (EN 12208)	Class 9A	Class 9A	Class 9A	Class 9A	Class 9A	Class 9A	Class 9A
8	Impact resistance (EN 13049)	npd	npd	npd	npd	npd	npd	npd
9	Load-bearing capacity of safety devices (EN 14609)	Passed	Passed	Passed	Passed	Passed	npd	ndp
10	Sound insulation (EN ISO 140-3)	npd	npd	npd	npd	npd	npd	npd
11	Thermal transmittance (EN ISO 10077-1)	1,2 W/(m ² K) ¹⁾	0,71 W/(m ² K) ²⁾	1,2 W/(m ² K) ¹⁾	1,2 W/(m ² K) ¹⁾	1,2 W/(m ² K) ¹⁾	1,2 W/(m ² K) ¹⁾	0,66W/(m ² K) ²⁾
12	Solar energy transmission (EN 410)	48 %	37%	48 %	48 %	48 %	48 %	37%
13	Light transmission (EN 410)	70 %	58%	70 %	70 %	70 %	70 %	58%
14	Air permeability (EN 12207)	Class 4	Class 4	Class 4	Class 4	Class 4	Class 4	Class 4
15	Operating forces (EN 13115)	Class 2	Class 2	Class 2	Class 2	Class 2	npd	npd

npd = no performance determined

1) = With Insulated Glass Unit: 6+16G+ES4

2) = With insulating glass unit 4ES+16G+4+16G+ES4