



EN 14351-1:2006 +A1:2009

NorDan SP.z o.o

UL. Fabryczna 16
64-200 Wolsztyn
Poland



www.nordan.no

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TA-Villa Side Hung
TD- Villa side swing reversible

TG/TY- Villa top swing reversible (classic/ opus)

Reference size for windows: 1230 x 1480

Essential performance characteristics

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

npd = no performance determined 1) = With Insulated Glass Unit: 6+16G+ES4

Declaration of conformity: I, the undersigned hereby declare conformity with the above directive (s) and Standard (s) as shown.

Signature:

Print:

Ross Leishman

Title:

Building and Product Technical Manager