



EN 14351-1:2006 +A1:2009

**NorDan AS**

Stasjonsveien 46  
4460 Moi



[www.nordan.no](http://www.nordan.no)

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HG-Top swing reversible

VA-Villa Side Hung  
VC-Villa side swing reversible

VW-Villa Top Hung  
VY/VG Villa top swing reversible (opus/classic)

Reference size: 1230 x 1480

**Essential performance characteristics**

ID	Characteristic	HG	VA	VC	VW	VY/VG
1	Resistance to wind load Test pressure (EN 12210)	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
5	Watertightness (EN 12208)	Class 9A	Class 9A	Class 9A	Class 9A	Class 9A
8	Impact resistance (EN 13049)	npd	npd	npd	npd	Npd
9	Load-bearing capacity of safety devices (EN 14609)	npd	npd	npd	npd	Passed/npd
10	Sound insulation (EN ISO 140-3)	npd	npd	npd	npd	npd
11	Thermal transmittance (EN ISO 10077-1)	1,2 W/(m <sup>2</sup> K) <sup>1)</sup>	1,2 W/(m <sup>2</sup> K) <sup>1)</sup>	1,2 W/(m <sup>2</sup> K) <sup>1)</sup>	1,2 W/(m <sup>2</sup> K) <sup>1)</sup>	1,2 W/(m <sup>2</sup> K) <sup>1)</sup>
12	Solar energy transmission (EN 410)	48 %	48 %	48 %	48 %	48 %
13	Light transmission (EN 410)	70 %	70 %	70 %	70 %	70 %
14	Air permeability (EN 12207)	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 = 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