



EN 14351-1:2006+A2:2016

14



VIKING WINDOW AS

Mäo, 72751 Järvamaa Estonia

tel: +372 384 8900

faks: +372 385 3027

www.viking.eeviking@viking.ee

DECLARATION OF PERFORMANCE no

SW14-010-003-EN

04.01.2025

SW14 Passive Window

is produced by the Viking Window AS plant in Mäo, Järva County, and intended to be used for vertical exterior barriers of buildings; for which harmonized standard EN 14351-1:2006+A2:2016, and system of assessment and verification of constancy of performance (AVCP) no 3 apply.

Material of frame and sash: Wood (spruce); quality class A1 – A3; aluminium cladding on the outside

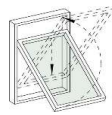
Finishing: Teknos Aquatop

Hardware: PN UNI hinges; Roto espagnolette; Hoppe handle

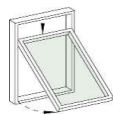
Weather sealing: GFC; Schlegel Q-Ion; Martval

Type of opening: Outward opening; single casement window

Opening types:



Top Swing



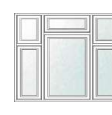
Top Hung



Side Projecting



Fixed Light



Multi Light

Insulated glazing related performance:

IGU: 50 mm 3-glazing; warm edge spacer (SGG Swisspacer Ultimate); 90% Argon 10% Air filled cavity

EN 14351-1:2006+A2:2016 standard size opening window 1230 mm x 1480 mm

IGU types:

	U_g (W/m ² K) *	U_w (W/m ² K)**	Solar Factor of glazing (g)*	Glazing LT%*	Solar Factor of Window (g)	Glazing R_w (C;Ctr)*	Window R_w (C;Ctr)***
4LowE-4-4LowE - standard	0,53	0,68	0,54	74,3%	0,39	34 (-2; -7)	35 (-2; -6)
4LowE(1.0)-4-4LowE(1.0) - high performance	0,48	0,65	0,38	58,5%	0,27	34 (-2; -7)	35 (-2; -6)
6LowE-4-6LowE - sound reduction	0,55	0,70	0,53	73,3%	0,38	37 (-2; -7)	36 (-2; -7)
6LowE-6-6LowE - large glass area	0,58	0,72	0,53	72,9%	0,38	36 (-3; -7)	36 (-3; -6)
4SKN176-4-4LowE - sun screen	0,50	0,66	0,35	63,9%	0,25	34 (-2; -7)	35 (-2; -6)
6SKN176-6-6LowE - sun screen	0,55	0,70	0,34	62,4%	0,25	36 (-3; -7)	36 (-3; -6)
4SKN154-4-4LowE - extra sun screen	0,50	0,66	0,26	47,6%	0,19	34 (-2; -7)	35 (-2; -6)
44.1.SiLowE-4-6LowE - sound reduction	0,58	0,72	0,50	72,6%	0,38	43 (-2; -7)	39 (-2; -5)
4LowE-4-44.2LowE - anti theft	0,55	0,70	0,54	72,9%	0,39	39 (-1; -6)	37 (-1; -5)
6LowE-6-44.2LowE - anti theft & large glazing	0,60	0,73	0,53	72,0%	0,38	40 (-2; -6)	38 (-2; -5)

* SGG Calumen (TÜV Rheinland Nederland B.V.; report no: 89212153-01 - Verification of Calculation according to

EN 410 : 2011 and EN673 : 2011)

** Passive House Institute, GERMANY

*** According EN 14351-1:2006+A2:2016 Annex B

Weather performance:

Resistance to wind load	2000 Pa -- Class 5C	(EN 12210:2016)
Air permeability	600 Pa -- Class 4	(EN 12207:2016)
Water tightness	1500 Pa -- Class E1500	(EN 12208:2003)

Initial type tests performed by KTU Institute of Architecture and Construction Building Thermal Physics Laboratory (Notified Body no. 2018)

Dangerous substances:

NPD

Load-bearing capacity of safety devices:

NPD

Signature of authorized representative

Indrek Rüütel, member of board

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