



Harmonised Product Standard

EN 14351-1:2006 +A2:2016

Declaration of Performance

Type of construction product:
Facade windows and Casement doors

VELFAC 200 ENERGY

DOP no.:

V200E20250201

The performance of the Facade windows and Casement doors in the product line
VELFAC 200 ENERGY are in conformity with the declared in the following pages.

This Declaration of Performance is issued under the sole responsibility of DOVISTA A/S.
System of assessment and verification of constancy of performance of the construction product:
(AVCP) System 3

Intended use:
For domestic and commercial buildings

Manufacturer:

DOVISTA A/S

Bygholm Søpark 21D, 8700 Horsens, Denmark

Notified Bodies (Test institute):

NB 1235 - DANISH TECHNOLOGICAL INSTITUTE
NB 0402 - RISE RESEARCH INSTITUTES OF SWEDEN


Windows and Doors containing Electrical and Electronic Equipment are in conformity with RoHS (Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment) as amended by Directive 2015/863/EU.

Date:

23 januar 2025

Signed on behalf of DOVISTA A/S

Horsens



Allan Lindhard Jørgensen
CEO, DOVISTA A/S

Declaration of Performance VELFAC 200 ENERGY

Opening function		4.2 Resistance to windload	4.5 Water tightness	4.6 Dangerous substances	4.8 Load bearing capacity of safety devices	4.11 Acoustic performance	4.12 * Thermal transmittance	4.13 * Radiation properties	4.14 Air permeability
BHO Bottomhung window									
Declared value		Class C4 (1600 Pa)	Class 9A (600 Pa)	None	(350N/60s), Optional	**	0,82 (W/m2K)	g 0,53 / LT 0,74	Class 4 (±600 Pa)
Classification standard		EN 12210:2016	EN 12208:2016	-	-	-	-	-	EN 12207:2016
Test standard		EN 12211:2016	EN 1027:2016	-	EN 14609:2003	SS-EN ISO 10140-1:2021/2:2021	EN ISO 10077-2: 2003/2012	-	EN 1026:2016
Notified body		NB 1235	NB 1235	-	NB 1235	NB 0402	NB 1235	-	NB 1235
Test report		DTI/251936-4/2024-Jun.	DTI/251936-4/2024-Jun.	-	DTI/202289-06/2024-Feb.	**	0108/697720, 2016-05-11	0108/697720, 2016-05-1	DTI/251936-4/2024-Jun.
Tested size (mm), WxH		1700 x 800	1700 x 800	-	1430 x 1600	1230 x 1480	1230 x 1480	-	1700 x 800
CDO Casement door, 1-leaf									
Declared value		Class C4 (1600 Pa)	Class 9A (600 Pa)	None	(350N/60s), Optional	NPD	0,79 (W/m2K)	g 0,53 / LT 0,74	Class 4 (±600 Pa)
Classification standard		EN 12210:2016	EN 12208:2016	-	-	-	-	-	EN 12207:2016
Test standard		EN 12211:2016	EN 1027:2016	-	EN 14609:2003	-	EN ISO 10077-2: 2003/2012	-	EN 1026:2016
Notified body		NB 1235	NB 1235	-	NB 1235	-	NB 1235	-	NB 1235
Test report		DTI/244210-3/2024-Apr.	DTI/244210-3/2024-Apr.	-	DTI/202289-03/2024-Feb.	-	0108/697720, 2016-05-11	0108/697720, 2016-05-1	DTI/244210-3/2024-Apr.
Tested size (mm), WxH		1077 x 2400	1077 x 2400	-	1077 x 2469	-	1230 x 2180	-	1077 x 2400
CDO-2 Casement door, 2-leaf									
Declared value		NPD	NPD	None	NPD	NPD	0,79 (W/m2K)	g 0,53 / LT 0,74	NPD
Classification standard		-	-	-	-	-	-	-	-
Test standard		-	-	-	-	-	EN ISO 10077-2: 2003/2012	-	-
Notified body		-	-	-	-	-	NB 1235	-	-
Test report		-	-	-	-	-	0108/697720, 2016-05-11	0108/697720, 2016-05-1	-
Tested size (mm), WxH		-	-	-	-	-	2500 x 2180	-	-

*Thermal transmission coefficient (4.12) and radiation properties (4.13) of a specific product is provided in quotations and order confirmations in accordance with EN 14351-1:2006 +A1:2010.

** Declared values see sheet "4.11, Acoustic performance"

Declaration of Performance VELFAC 200 ENERGY

Opening function		4.2 Resistance to windload	4.5 Water tightness	4.6 Dangerous substances	4.8 Load bearing capacity of safety devices	4.11 Acoustic performance	4.12 * Thermal transmittance	4.13 * Radiation properties	4.14 Air permeability
FC Fixed casement									
Declared value		Class C4 (1600 Pa)	Class 9A (600 Pa)	None	N/A	**	0,82 (W/m2K)	g 0,53 / LT 0,74	Class 4 (±600 Pa)
Classification standard		EN 12210:2016	EN 12208:2016	-	-	-	-	-	EN 12207:2016
Test standard		EN 12211:2016	EN 1027:2016	-	-	SS-EN ISO 10140-1:2021/2:2021	EN ISO 10077-2: 2003/2012	-	EN 1026:2016
Notified body		NB 1235	NB 1235	-	-	NB 0402	NB 1235	-	NB 1235
Test report		DTI/244210-5/2024-Apr.	DTI/244210-5/2024-Apr.	-	-	**	0108/697720, 2016-05-11	0108/697720, 2016-05-1	DTI/244210-5/2024-Apr.
Tested size (mm), WxH		2800 x 1700	2800 x 1700	-	-	1230 x 1480	1230 x 1480	-	2800 x 1700
FCC Glass to glass corner window									
Declared value		NPD	NPD	None	N/A	NPD	0,82 (W/m2K)	g 0,53 / LT 0,74	NPD
Classification standard		-	-	-	-	-	-	-	-
Test standard		-	-	-	-	-	EN ISO 10077-2: 2003/2012	-	-
Notified body		-	-	-	-	-	NB 1235	-	-
Test report		-	-	-	-	-	0108/697720, 2016-05-11	0108/697720, 2016-05-1	-
Tested size (mm), WxH		-	-	-	-	-	1230 x 1480	-	-
RC Rainscreen panel									
Declared value		Class C4 (1600 Pa)	Class 9A (600 Pa)	None	N/A	NPD	0,68 (W/m2K)	-	Class 4 (±600 Pa)
Classification standard		EN 12210:2016	EN 12208:2016	-	-	-	-	-	EN 12207:2016
Test standard		EN 12211:2016	EN 1027:2016	-	-	-	EN ISO 10077-1/2:2006/2017	-	EN 1026:2016
Notified body		NB 1235	NB 1235	-	-	-	NB 1235	-	NB 1235
Test report		DTI/244210-4/2024-Apr.	DTI/244210-4/2024-Apr.	-	-	-	0108/825381, 2018-08-15	0108/655681, 2015-07-1	DTI/244210-4/2024-Apr.
Tested size (mm), WxH		1200 x 2540	1200 x 2540	-	-	-	1230 x 1480	-	1200 x 2540

*Thermal transmission coefficient (4.12) and radiation properties (4.13) of a specific product is provided in quotations and order confirmations in accordance with EN 14351-1:2006 +A1:2010.

** Declared values see sheet "4.11, Acoustic performance"

Declaration of Performance VELFAC 200 ENERGY

Opening function		4.2 Resistance to windload	4.5 Water tightness	4.6 Dangerous substances	4.8 Load bearing capacity of safety devices	4.11 Acoustic performance	4.12 * Thermal transmittance	4.13 * Radiation properties	4.14 Air permeability
SCD Sliding casement door, 1-leaf									
Declared value		Class C4 (1600 Pa)	Class 7A (300 Pa)	None	N/A	NPD	0,82 (W/m2K)	g 0,53 / LT 0,72	Class 4 (±600 Pa)
Classification standard		EN 12210:2016	EN 12208:2016	-	-	-	-	-	EN 12207:2016
Test standard		EN 12211:2016	EN 1027:2016	-	-	-	EN ISO 10077-2: 2003/2012	-	EN 1026:2016
Notified body		NB 1235	NB 1235	-	-	-	NB 1235	-	NB 1235
Test report		DTI/251936-1/2024-Jun.	DTI/251936-1/2024-Jun.	-	-	-	0108/660925, 2015-08-28	0108/660925, 2015-08-2	DTI/251936-1/2024-Jun.
Tested size (mm), WxH		2700 x 2400	2700 x 2400	-	-	-	2500 x 2180	-	2700 x 2400
SCD-2 Sliding casement door, 2-leaf									
Declared value		NPD	NPD	None	N/A	NPD	0,82 (W/m2K)	g 0,53 / LT 0,72	NPD
Classification standard		-	-	-	-	-	-	-	-
Test standard		-	-	-	-	-	EN ISO 10077-2: 2003/2012	-	-
Notified body		-	-	-	-	-	NB 1235	-	-
Test report		-	-	-	-	-	0108/660925, 2015-08-28	0108/660925, 2015-08-2	-
Tested size (mm), WxH		-	-	-	-	-	2500 x 2180	-	-
SGO Side-guided window									
Declared value		Class C4 (1600 Pa)	Class 9A (600 Pa)	None	(350N/60s), Optional	**	0,82 (W/m2K)	g 0,53 / LT 0,74	Class 4 (±600 Pa)
Classification standard		EN 12210:2016	EN 12208:2016	-	-	-	-	-	EN 12207:2016
Test standard		EN 12211:2016	EN 1027:2016	-	EN 14609:2003	SS-EN ISO 10140-1:2021/2:2021	EN ISO 10077-2: 2003/2012	-	EN 1026:2016
Notified body		NB 1235	NB 1235	-	NB 1235	NB 0402	NB 1235	-	NB 1235
Test report		DTI/244210-7/2024-Apr.	DTI/244210-7/2024-Apr.	-	DTI/202289-06/2024-Feb.	**	0108/697720, 2016-05-11	0108/697720, 2016-05-1	DTI/244210-7/2024-Apr.
Tested size (mm), WxH		950 x 1800	950 x 1800	-	1430 x 1600	1230 x 1480	1230 x 1480	-	950 x 1800

*Thermal transmission coefficient (4.12) and radiation properties (4.13) of a specific product is provided in quotations and order confirmations in accordance with EN 14351-1:2006 +A1:2010.

** Declared values see sheet "4.11, Acoustic performance"

Declaration of Performance VELFAC 200 ENERGY

Opening function	4.2	4.5	4.6	4.8	4.11	4.12	4.13	4.14
	Resistance to windload	Water tightness	Dangerous substances	Load bearing capacity of safety devices	Acoustic performance	* Thermal transmittance	* Radiation properties	Air permeability
SHO Sidehung window								
Declared value	Class C4 (1600 Pa)	Class 9A (600 Pa)	None	(350N/60s), Optional	**	0,82 (W/m2K)	g 0,53 / LT 0,74	Class 4 (±600 Pa)
Classification standard	EN 12210:2016	EN 12208:2016	-	-	-	-	-	EN 12207:2016
Test standard	EN 12211:2016	EN 1027:2016	-	EN 14609:2003	SS-EN ISO 10140-1:2021/2:2021	EN ISO 10077-2: 2003/2012	-	EN 1026:2016
Notified body	NB 1235	NB 1235	-	NB 1235	NB 0402	NB 1235	-	NB 1235
Test report	DTI/244210-8/2024-Apr.	DTI/244210-8/2024-Apr.	-	DTI/202289-06/2024-Feb.	**	0108/697720, 2016-05-11	0108/697720, 2016-05-1	DTI/244210-8/2024-Apr.
Tested size (mm), WxH	1000 x 1800	1000 x 1800	-	1430 x 1600	1230 x 1480	1230 x 1480	-	1000 x 1800
TGO Top-guided window								
Declared value	Class C4 (1600 Pa)	Class 9A (600 Pa)	None	(350N/60s), Optional	**	0,82 (W/m2K)	g 0,53 / LT 0,74	Class 4 (±600 Pa)
Classification standard	EN 12210:2016	EN 12208:2016	-	-	-	-	-	EN 12207:2016
Test standard	EN 12211:2016	EN 1027:2016	-	EN 14609:2003	SS-EN ISO 10140-1:2021/2:2021	EN ISO 10077-2: 2003/2012	-	EN 1026:2016
Notified body	NB 1235	NB 1235	-	NB 1235	NB 0402	NB 1235	-	NB 1235
Test report	DTI/202289-18/2024-Feb.	DTI/202289-18/2024-Feb.	-	DTI/202289-06/2024-Feb.	**	0108/697720, 2016-05-11	0108/697720, 2016-05-1	DTI/202289-18/2024-Feb.
Tested size (mm), WxH	1800 x 1488	1800 x 1488	-	1430 x 1600	1230 x 1480	1230 x 1480	-	1800 x 1488
THO Tophung window								
Declared value	Class C4 (1600 Pa)	Class 9A (600 Pa)	None	(350N/60s), Optional	**	0,82 (W/m2K)	g 0,53 / LT 0,74	Class 4 (±600 Pa)
Classification standard	EN 12210:2016	EN 12208:2016	-	-	-	-	-	EN 12207:2016
Test standard	EN 12211:2016	EN 1027:2016	-	EN 14609:2003	SS-EN ISO 10140-1:2021/2:2021	EN ISO 10077-2: 2003/2012	-	EN 1026:2016
Notified body	NB 1235	NB 1235	-	NB 1235	NB 0402	NB 1235	-	NB 1235
Test report	DTI/202289-18/2024-Feb.	DTI/202289-18/2024-Feb.	-	DTI/202289-06/2024-Feb.	**	0108/697720, 2016-05-11	0108/697720, 2016-05-1	DTI/202289-18/2024-Feb.
Tested size (mm), WxH	1800 x 1488	1800 x 1488	-	1430 x 1600	1230 x 1480	1230 x 1480	-	1800 x 1488

*Thermal transmission coefficient (4.12) and radiation properties (4.13) of a specific product is provided in quotations and order confirmations in accordance with EN 14351-1:2006 +A1:2010.

** Declared values see sheet "4.11, Acoustic performance"

Declaration of Performance VELFAC 200 ENERGY

Opening function	4.2	4.5	4.6	4.8	4.11	4.12	4.13	4.14
	Resistance to windload	Water tightness	Dangerous substances	Load bearing capacity of safety devices	Acoustic performance	* Thermal transmittance	* Radiation properties	Air permeability
THROX	Tophung reversible window							
Declared value	Class C4 (1600 Pa)	Class 9A (600 Pa)	None	(350N/60s), Optional	**	0,82 (W/m2K)	g 0,53 / LT 0,74	Class 4 (±600 Pa)
Classification standard	EN 12210:2016	EN 12208:2016	-	-	-	-	-	EN 12207:2016
Test standard	EN 12211:2016	EN 1027:2016	-	EN 14609:2003	SS-EN ISO 10140-1:2021/2:2021	EN ISO 10077-2: 2003/2012	-	EN 1026:2016
Notified body	NB 1235	NB 1235	-	NB 1235	NB 0402	NB 1235	-	NB 1235
Test report	DTI/268669-7/2024-Okt.	DTI/244210-6/2024-Apr.	-	DTI/202289-06/2024-Feb.	**	0108/697720, 2016-05-11	0108/697720, 2016-05-1	DTI/244210-6/2024-Apr.
Tested size (mm), WxH	1400 x 1600	1400 x 1600	-	1430 x 1600	1230 x 1480	1230 x 1480	-	1400 x 1600

*Thermal transmission coefficient (4.12) and radiation properties (4.13) of a specific product is provided in quotations and order confirmations in accordance with EN 14351-1:2006 +A1:2010.

** Declared values see sheet "4.11, Acoustic performance"

Declaration Of Performance VELFAC 200 ENERGY

** 4.11 Acoustic performance - Rw (C;Ctr)

Glass / Panels

	Test report	Opening window	Internal sash 6mm	Internal sash 10mm
4-18-4-16-6 Energy/Clear/Energy WE w. Argon	O100282-1254305 C	37 (-2;-6)	-	-
4-18-4-16-6,4 Energy/Clear/Energy Laminated Safe WE Grey w. Argon	O100282-1282275 B/A	37 (-2;-6)	48 (-2;-6)	49 (-1;-4)
4-18-4-16-6,8 Energy/Clear/Laminated Energy WE w. Argon	O100282-1254305 C	37 (-2;-6)	-	-
4-18-4-18-4 Energy/Clear/Energy WE w. Argon	O100282-1254305C,1282275A	33 (-2;-6)	46 (-2;-6)	48 (-1;-4)
6-14-6-14-8,4 Energy/Clear/Laminated Energy WE w. Argon	O100282-1282275 B/A	41 (-2;-6)	50(-2;-5)	51(-2;-4)
6-14-6-14-8,8 Energy/Clear/Laminated Sound Energy WE w. Argon	O100282-1282275 B/A	41 (-2;-7)	50 (-2;-5)	52 (-2;-4)
6-16-4-14-8,4 Energy/Clear/Laminated Energy WE w. Argon	O100282-1282275 B/A	41 (-2;-6)	49 (-1;-5)	51 (-2;-4)
6-16-4-14-8,8 Energy/Clear/Laminated Sound Energy WE w. Argon	O100282-1282275 B	41 (-2;-6)	-	-
6-16-6-14-6 Energy Std/Clear/Energy Std WE Grey W/Argon	O100282-1254305 C	34 (-1;-4)	-	-
8,8-12-6-12-9,5 Energy lam. Sound/Clear/Laminated Energy WE w. Argon	O100282-1254305 C	43 (-1;-4)	-	-
8,8-14-4-12-9,5 Energy Lam. Sound/Clear/Laminated Energy WE w. Argon	O100282-1254305 C	44 (-2;-5)	-	-
8-14-4-14-8,8 Energy/Clear/Laminated Sound Energy WE w. Argon	O100282-1254305 C	43 (-2;-5)	-	-
8-14-6-12-8,8 Energy/Clear/Laminated Sound Energy WE w. Argon	O100282-1254305 C	41 (-2;-5)	-	-
6,8-18-4-16-4 Energy Lam Safe/Clear/Energy WE Grey w. Argon	O100282-1254305 C	-	48 (-1;-5)	50 (-1;-4)
9,5-16-4-14-4 Energy Lam Safe/Clear/Energy WE Grey w. Argon	O100282-1254305 C	-	50 (-2;-5)	52 (-2;-4)
6-14-6-14-8 Energy/Clear/Laminated Energy WE w. Argon	O100282-1254305 C	-	49 (-1;-5)	50 (-1;-3)
8-14-4-14-8,4 Energy/Clear/Energy Laminated Safe WE Grey w. Argon	O100282-1254305 C	-	50 (-2;-5)	51 (-2;-4)
8,8-12-6-12-8,8 Energy Lam. Safe Sound/Clear/Energy Lam. Safe Sound W	O100282-1254305 C	-	51 (-1;-4)	53 (-2;-4)
2mm aluminium, ventilated Panel, 139mm frame	O100282-1282275 C	51 (-1;-5)	-	-
2mm aluminium, ventilated Panel, 114mm frame	O100282-1282275 C	49 (-1;-5)	-	-
2-44-2 ALU/XPS/ALU Sandwich Panel	O100282-1282275 C	30 (-1;-3)	-	-