



Harmonised Product Standard

EN 14351-1:2006 +A2:2016

Declaration of Performance

Type of construction product:
Facade windows and Casement doors

VELFAC 200 ENERGY
Enhanced weatherperformance

DOP no.:

V200Ew20240701

The performance of the Facade windows and Casement doors in the product line
VELFAC 200 ENERGY; Enhanced weatherperformance 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:

27 juni 2024

Signed on behalf of DOVISTA A/S

Horsens

Allan Lindhard Jørgensen
CEO, DOVISTA A/S

Declaration of Performance VELFAC 200 ENERGY; Enhanced weather performance

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
BHO Bottomhung window								
Declared value	Class C4 (1600 Pa)	NPD	None	(350N/60s), Optional	**	0,82 (W/m2K)	g 0,53 / LT 0,74	Class 4 (±600 Pa)
Classification standard	EN 12210:2016	-	-	-	-	-	-	EN 12207:2016
Test standard	EN 12211:2016	-	-	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 0402	NB 1235	-	NB 1235
Test report	DTI/251936-4/2024-Jun.	-	-	DTI/202289-06/2024-Feb.	O100282-1254305 C	0108/697720, 2016-05-11	0108/697720, 2016-	DTI/251936-4/2024-Jun.
Tested size (mm), WxH	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 E1350	None	(350N/60s), Optional	NPD	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	-	EN ISO 10077-2: 2003/2012	-	EN 1026:2016
Notified body	NB 1235	NB 1235	-	NB 1235	-	NB 1235	-	NB 1235
Test report	DTI/251936-3/2024-May	DTI/251936-3/2024-May	-	DTI/202289-03/2024-Feb.	-	0108/697720, 2016-05-11	0108/697720, 2016-	DTI/251936-3/2024-May
Tested size (mm), WxH	1077 x 2400	1077 x 2400	-	1077 x 2469	-	1230 x 1480	-	1077 x 2400
CDO-2 Casement door, 2-leaf								
Declared value	NPD	NPD	None	NPD	NPD	NPD	NPD	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-	-
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; Enhanced weather performance

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 E1500 (1500 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/251936-5/2024-Jun.	DTI/251936-5/2024-Jun.	-	-	O100282-1254305 C	0108/697720, 2016-05-11	0108/697720, 2016-	DTI/251936-5/2024-Jun.
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-	-
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	0108/825381, 2018-	DTI/244210-4/2024-Apr.
Tested size (mm), WxH		1200 x 2540	1200 x 2540	-	-	-	1230 x 1480	-	1200 x 2540

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

Declaration of Performance VELFAC 200 ENERGY; Enhanced weather performance

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)	NPD	None	N/A	NPD	0,82 (W/m2K)	g 0,53 / LT 0,72	Class 4 (±600 Pa)
Classification standard		EN 12210:2016	-	-	-	-	-	-	EN 12207:2016
Test standard		EN 12211:2016	-	-	-	-	EN ISO 10077-2: 2003/2012	-	EN 1026:2016
Notified body		NB 1235	-	-	-	-	NB 1235	-	NB 1235
Test report		DTI/251936-1/2024-Jun.	-	-	-	-	0108/660925, 2015-08-28	0108/660925, 2015-	DTI/251936-1/2024-Jun.
Tested size (mm), WxH		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-	-
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/202289-18/2024-Feb.	DTI/202289-18/2024-Feb.	-	DTI/202289-06/2024-Feb.	O100282-1254305 C	0108/697720, 2016-05-11	0108/697720, 2016-	DTI/202289-18/2024-Feb.
Tested size (mm), WxH		950 x 1800	950 x 1800	-	1430 x 1600	1230 x 1480	1230 x 1480	-	950 x 1800

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

Declaration of Performance VELFAC 200 ENERGY; Enhanced weather performance

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 E1200 (1200 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.	O100282-1254305 C	0108/697720, 2016-05-11	0108/697720, 2016-	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 E1500 (1500 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/251936-7/2024-Jun.	-	DTI/202289-06/2024-Feb.	O100282-1254305 C	0108/697720, 2016-05-11	0108/697720, 2016-	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 E1350 (1350 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/251936-2/2024-Jun.	-	DTI/202289-06/2024-Feb.	O100282-1254305 C	0108/697720, 2016-05-11	0108/697720, 2016-	DTI/202289-18/2024-Feb.
Tested size (mm), WxH	1800 x 1488	1800 x 777	-	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; Enhanced weather performance

		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
Opening function									
THROX	Tophung reversible window								
Declared value	NPD	Class E1500 (1500 Pa)	None	(350N/60s), Optional	**	0,82 (W/m2K)	g 0,53 / LT 0,74	Class 4 (±600 Pa)	
Classification standard	-	EN 12208:2016	-	-	-	-	-	EN 12207:2016	
Test standard	-	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 0402	NB 1235	-	NB 1235	
Test report	-	DTI/251936-6/2024-Jun.	-	DTI/202289-06/2024-Feb.	O100282-1254305 C	0108/697720, 2016-05-11	0108/697720, 2016-	DTI/251936-6/2024-Jun.	
Tested size (mm), WxH	-	1400 x 1600	-	1430 x 1600	1230 x 1480	1230 x 1480	-	1400 x 1600	

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

Declaration Of Performance VELFAC 200 ENERGY; Enhanced weather performance
**** 4.11 Acoustic performance**
Glass

Fixed Light

Opening window

Casement door

Door

Sliding door

16,8-18-12,8 Laminated Sound/Laminated Sound Energy WE w. Argon	-	44 (-1;-3)			
4-18-4-16-6 Energy/Clear/Energy WE w. Argon	-	37 (-2;-6)			
4-18-4-16-6,4 Energy/Clear/Laminated Energy WE w. Argon	-	40 (-2;-6)			
4-18-4-16-6,8 Energy/Clear/Laminated Energy WE w. Argon	-	37 (-2;-6)			
4-18-4-18-4 Energy/Clear/Energy WE w. Argon	-	33 (-2;-6)			
6-14-6-14-8,8 Energy/Clear/Laminated SOUND Energy WE w. Argon	-	41 (-2;-6)			
6-16-4-14-8,8 Energy/Clear/Laminated SOUND Energy WE w. Argon	-	37 (-2;-6)			
6-16-6-14-6 Energy Std/Clear/Energy Std WE Grey W/Argon	-	34 (-1;-4)			
8,8-12-6-12-9,5 Energy laminated Sound/Clear/Laminated SOUND Energy WE w. Argon	-	43 (-1;-4)			
8,8-14-4-12-9,5 Energy Laminated Sound/Clear/Laminated SOUND Energy WE w. Argon	-	44 (-2;-5)			
8-14-4-14-8,8 Energy/Clear/Laminated SOUND Energy WE w. Argon	-	43 (-2;-5)			
8-14-6-12-8,8 Energy/Clear/Laminated SOUND Energy WE w. Argon	-	41 (-2;-5)			