

## Declaration of Performance / Ydeevnedeklaration VELFAC 200

The performance of the Windows, Patio doors and Sliding doors in the product serie VELFAC 200 are in conformity with the declared in this document.  
This declaration of performance is issued under the sole responsibility of VELFAC A/S.

Ydeevnen for Facadevinduer, Terrassedøre og Skydedøre i produktserien VELFAC 200 er i overensstemmelse med de deklarerede ydeevner i dette dokument.  
Denne ydeevnedeklaration udstedes på eneansvar af VELFAC A/S.

Signed on behalf of VELFAC A/S:

Underskrevet på vegne af VELFAC A/S:



**Finn Jespersen**  
CEO, Administrerende Direktør

<b>Harmonised technical specification</b> <b>Harmoniseret teknisk specifikation</b>	EN 14351-1:2006 +A1:2010
Type of construction product Byggevaretype	Windows, Patio doors and Sliding doors Facadevinduer, Terrassedøre og Skydedøre
Construction product identification Byggevareridentifikation	VELFAC 200
Intended use Byggevarens tilsigtede anvendelse	For domestic and commercial buildings Til boliger og erhvervsbygninger
Manufacturer Producent	VELFAC A/S
Manufacturer, address Producent, adresse	Bygholm Søpark 23, 8700 Horsens
Name and address of authorised representative Navn og adresse på bemyndiget repræsentant	n/a
System of assessment and verification of constancy of performance of the construction product Systemerne for vurdering af kontrol af konstansen af byggevarens ydeevne	(AVCP) System 3
<b>Notified Bodies / Notificerede organer</b>	
<b>Teknologisk Institut</b> , Teknologiparken, Kongsvang Allé 29, 8000 Århus C, Denmark	NB 1235
<b>DELTA Danish Electronics, Light &amp; Acoustics</b> , Erhvervsvej 2A, 8653 Them, Denmark	NB 0199
<b>SP Technical Research Institute of Sweden</b> , Box 857, SE-501 15 Borås, Sweden	NB 0402

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200-01-GH

	V210	V212	V201	V207	V208	V229	V237	V231
<b>Element type</b>	<b>Fixed window</b>	<b>Tophung projecting</b>	<b>Sidehung</b>	<b>Sidehung projecting</b>	<b>Tophung</b>	<b>Reversible</b>	<b>Sliding door</b>	<b>Patio door</b>
Opening direction	~	Outward	Outward	Outward	Outward	Outward	Sliding outward	Outward
<b>Element type</b>	<b>Fast vindue</b>	<b>Topstyret</b>	<b>Sidehængt</b>	<b>Sidestyret</b>	<b>Tophængt</b>	<b>Vendevindue</b>	<b>Skydedør</b>	<b>Terrassedør</b>
Åbningsretning	-	Udadgående	Udadgående	Udadgående	Udadgående	Udadgående	Skyder udad	Udadgående
<b>4.2 Resistance to wind load / Modstandsevne overfor vindlast</b>	<b>1600Pa (C4)</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>
Test and Classification / Test og klassifikation	EN 12211:2000							
Notified body / notificeret organ	NB 1235							
Test report, issue date / Test rapport, udgivelsesdato	1316346-01 1061093, 2008.03.07							
<b>4.5 Watertightness / Vandtæthed</b>	<b>600Pa (9A)</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>
Test and Classification / Test og klassifikation	EN 1027:2000							
Notified body / notificeret organ	NB 1235							
Test report, issue date / Test rapport, udgivelsesdato	1316346-01 1061093, 2008.03.07							
<b>4.8 Load-bearing capacity of safety devices / Sikkerhedsudstyrs bæreevne</b>	<b>N/A</b>	<b>Passed (optional)</b>	<b>Passed (optional)</b>	<b>Passed (optional)</b>	<b>Passed (optional)</b>	<b>Passed / bestået</b>	<b>N/A</b>	<b>Passed (optional)</b>
Test and Classification / Test og klassifikation		EN 14351-1 Clause 4.8 EN14609:2003	EN 14351-1 Clause 4.8 EN14609:2003	EN 14351-1 Clause 4.8 EN14609:2003	EN 14351-1 Clause 4.8 EN14609:2003	EN 14351-1 Clause 4.8 EN14609:2003		EN 14351-1 Clause 4.8 EN14609:2003
Notified body / notificeret organ		NB 1235	NB 1235	NB 1235	NB 1235	NB 1235		NB 1235
Test report, issue date / Test rapport, udgivelsesdato		1316346-01 1114843, 2008.10.03	1316346-01 1114843, 2008.10.03	1316346-01 1114843, 2008.10.03	1316346-01 1114843, 2008.10.03	1316346-01 1114843, 2008.10.03		1316346-01 1114843, 2008.10.03
<b>4.11 Acoustic performance / Akustisk ydeevne</b>	<b>NPD</b>	<b>See table below, Se tabel nedenfor Rw (C;Ctr)</b>					<b>NPD</b>	<b>NPD</b>
Test and Classification / Test og klassifikation		EN ISO 140-3:1995, EN ISO 717-1						
Notified body / notificeret organ		NB 0199						
Test report, issue date / Test rapport, udgivelsesdato		AV 273/06, 274/06, 301/06, 283/06, 280/06 DANAK 2471, 2472, 2492, 2481, 2478. A580421 18 December 2006						
4-14-6 Insulating glass w. Argon		35 (-1;-4) dB	35 (-1;-4) dB	35 (-1;-4) dB	35 (-1;-4) dB	35 (-1;-4) dB		
4-14-3/0.38/3 Laminated insulating glass w. Argon		36 (-2;-5) dB	36 (-2;-5) dB	36 (-2;-5) dB	36 (-2;-5) dB	36 (-2;-5) dB		
4/0.76/4-21-4 Stadip silence laminated insulating glass w. Argon		38 (-2;-5) dB	38 (-2;-5) dB	38 (-2;-5) dB	38 (-2;-5) dB	38 (-2;-5) dB		
6-10-4/0.76/4 Stadip silence laminated insulating glass w. Argon		39 (-2;-5) dB	39 (-2;-5) dB	39 (-2;-5) dB	39 (-2;-5) dB	39 (-2;-5) dB		
10-16-4/0.76/4 Stadip silence laminated insulating glass w. Argon		41 (-2;-4) dB	41 (-2;-4) dB	41 (-2;-4) dB	41 (-2;-4) dB	41 (-2;-4) dB		
<b>4.12 Thermal transmittance / Termisk transmissionskoefficient</b>	<b>1,5 (W/m2K)</b>	<b>1,5 (W/m2K)</b>	<b>1,5 (W/m2K)</b>	<b>1,5 (W/m2K)</b>	<b>1,5 (W/m2K)</b>	<b>1,5 (W/m2K)</b>	<b>1,5 (W/m2K)</b>	<b>1,5 (W/m2K)</b>
Test and Classification / Test og klassifikation	EN 10077-2	EN 10077-2	EN 10077-2	EN 10077-2	EN 10077-2	EN 10077-2	EN 10077-2	EN 10077-2
Notified body / notificeret organ	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235
Test report, issue date / Test rapport, udgivelsesdato	1316346-01 232483, 2007.11.06	1316346-01 232483, 2007.11.06	1316346-01 232483, 2007.11.06	1316346-01 232483, 2007.11.06	1316346-01 232483, 2007.11.06	1316346-01 232483, 2007.11.06	1316346-01 232483, 2007.11.06	1316346-01 232483, 2007.11.06
<b>4.13 Radiation properties / Strålingsegenskaber</b>	<b>g 0,63 / LT 0,80</b>	<b>g 0,63 / LT 0,80</b>	<b>g 0,63 / LT 0,80</b>	<b>g 0,63 / LT 0,80</b>	<b>g 0,63 / LT 0,80</b>	<b>g 0,63 / LT 0,80</b>	<b>g 0,63 / LT 0,80</b>	<b>g 0,63 / LT 0,80</b>
<b>4.14 Air permeability / Lufttæthed</b>	<b>600Pa (4)</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</b>
Test and Classification / Test og klassifikation	EN 1026:2000							
Notified body / notificeret organ	NB 1235							
Test report, issue date / Test rapport, udgivelsesdato	1316346-01 1061093, 2008.03.07							
<b>4.18 Ventilation</b>	<b>See table below, Se tabel nedenfor</b>							
Test and Classification / Test og klassifikation	EN 13141-1:2004	EN 13141-1:2004	EN 13141-1:2004	EN 13141-1:2004	EN 13141-1:2004	EN 13141-1:2004	EN 13141-1:2004	EN 13141-1:2004
Notified body / notificeret organ	NB 0402	NB 0402	NB 0402	NB 0402	NB 0402	NB 0402	NB 0402	NB 0402
Test report, issue date / Test rapport, udgivelsesdato	ETk P802670-A 2008-05-25	ETk P802670-A 2008-05-25	ETk P802670-A 2008-05-25	ETk P802670-A 2008-05-25	ETk P802670-A 2008-05-25	ETk P802670-A 2008-05-25	ETk P802670-A 2008-05-25	ETk P802670-A 2008-05-25

4.18 Ventilation - Independent on opening function / Uafhængig af åbnefunktion		
Clickvent placed in head / Friskluftventil placeret i overkarm		
Characteristics for airflow / Egenskab for luftstrøm: K		1,8723
Airflow index / LuftstrømsekspONENT: n		0,5243
Airflow volume / Volumenluftstrømme:	Pressure drop (Pa)	Airflow (m3/h)
	4,2	14,3
	8,5	21,0
	10,4	23,1
	20,8	33,5
Clickvent placed in jump / Friskluftventil placeret i sidekarm		
Characteristics for airflow / Egenskab for luftstrøm: K		2,1954
Airflow index / LuftstrømsekspONENT: n		0,5129
Airflow volume / Volumenluftstrømme:	Pressure drop (Pa)	Airflow (m3/h)
	4,1	16,2
	8,1	23,2
	10,2	26,1
	20,6	37,0