

## Declaration of Performance / Ydeevnedeklaration VELFAC 200i

The performance of the Windows, Patio doors and Sliding doors in the product serie VELFAC 200i 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 200i 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 Byggevareidentifikation	VELFAC 200i
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, Denmark
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>Chiltern Dynamics</b> , Chiltern House, Stocking Lane, Hughenden Valley, High Wycombe, HP14 4ND, United Kingdom	NB 1314
<b>Teknologisk Institut</b> , Teknologiparken, Kongsvang Allé 29, 8000 Århus C, Denmark	NB 1235
<b>SP Technical Research Institute of Sweden</b> , Box 857, SE-501 15 Borås, Sweden	NB 0402

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200i-02-GH

	V210i	V212i	V201i	V207i	V208i	V220i	V229i	V237i	V231i	V200i WMA
<b>Element type</b>	<b>Fixed window</b>	<b>Tophung projecting</b>	<b>Sidehung</b>	<b>Sidehung projecting</b>	<b>Tophung</b>	<b>Corner window</b>	<b>Reversible</b>	<b>Sliding door</b>	<b>Door high window</b>	<b>V201i, V207i, V212i, V229i</b>
Opening direction	-	Outward	Outward	Outward	Outward	-	Outward	Sliding outward	Outward	Outward
<b>Element type</b>	<b>Fast vindue</b>	<b>Topstyret</b>	<b>Sidehængt</b>	<b>Sidestyret</b>	<b>Tophængt</b>	<b>Hjørnevindue</b>	<b>Vendevindue</b>	<b>Skydedør</b>	<b>Vinduesdør</b>	<b>V201i, V207i, V212i, V229i</b>
Åbningsretning	-	Udadgående	Udadgående	Udadgående	Udadgående	-	Udadgående	Skyder udad	Udadgående	Udadgående
<b>4.2 Resistance to wind load / Modstandsevne overfor vindlast</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</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										
Notified body / notificeret organ										
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)										
<b>4.5 Watertightness / Vandtæthed</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</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										
Notified body / notificeret organ										
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)										
<b>4.8 Load-bearing capacity of safety devices / Sikkerhedsudstørs bæreevne</b>	<b>N/A</b>	<b>Class 4 (optional)</b>	<b>Class 4 (optional)</b>	<b>Class 4 (optional)</b>	<b>Class 4 (optional)</b>	<b>N/A</b>	<b>Passed / bestået</b>	<b>N/A</b>	<b>Class 4 (optional)</b>	<b>N/A</b>
Test and Classification / Test og klassifikation		EN 14609:2004 EN 14351-1:2006 EN13115:2001	EN 14609:2004 EN 14351-1:2006 EN13115:2001	EN 14609:2004 EN 14351-1:2006 EN13115:2001	EN 14609:2004 EN 14351-1:2006 EN13115:2001		EN 14609:2003 EN 14351-1:2006 Clause 4.8		EN 14609:2004 EN 14351-1:2006 EN13115:2001	
Notified body / notificeret organ		NB 1314	NB 1314	NB 1314	NB 1314		NB 1235		NB 1314	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)		Chilt/P07027/A/02/ Rev2 2008.11.07 (1800*1100)	Chilt/P07027/A/02/ Rev2 2008.11.07 (1800*1100)	Chilt/P07027/A/02/ Rev2 2008.11.07 (1800*1100)	Chilt/P07027/A/02/ Rev2 2008.11.07 (1800*1100)		341273-1/1272691 1316346-01 2009.12.14 (1800*1485)		Chilt/P07027/C/02/ Rev2 2008.11.07 (1100*2475)	
Note	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, Table E.2, Note d									
Note	Termisk transmissionskoefficient (4.12) og strålingsegenskaber (4.13) for et specifikt produkt er angivet på tilbud/ordrebekræftelser i overensstemmelse med EN14351-1:2006+A1:2010, Tabel E.2, Note d									
<b>4.12 Thermal transmittance / Termisk transmissionskoefficient (element size: 1230*1480. VELFAC standard pane)</b>	<b>1,4 (W/m2K)</b>	<b>1,4 (W/m2K)</b>	<b>1,4 (W/m2K)</b>	<b>1,4 (W/m2K)</b>	<b>1,4 (W/m2K)</b>	<b>1,4 (W/m2K)</b>	<b>1,4 (W/m2K)</b>	<b>1,4 (W/m2K)</b>	<b>1,4 (W/m2K)</b>	<b>1,4 (W/m2K)</b>
Test and Classification / Test og klassifikation	EN ISO 10077-2:2003	EN ISO 10077-2:2003	EN ISO 10077-2:2003	EN ISO 10077-2:2003	EN ISO 10077-2:2003	EN ISO 10077-2:2003	EN ISO 10077-2:2003	EN ISO 10077-2:2003	EN ISO 10077-2:2003	EN ISO 10077-2:2003
Notified body / notificeret organ	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235
Test report, issue date / Test rapport, udgivelsesdato	432258 Velfac 200i ITT 2011-05-09	432258 Velfac 200i ITT 2011-05-09	432258 Velfac 200i ITT 2011-05-09	432258 Velfac 200i ITT 2011-05-09	432258 Velfac 200i ITT 2011-05-09	432258 Velfac 200i ITT 2011-05-09	432258 Velfac 200i ITT 2011-05-09	432258 Velfac 200i ITT 2011-05-09	432258 Velfac 200i ITT 2011-05-09	432258 Velfac 200i ITT 2011-05-09
<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>g 0,63 / LT 0,80</b>	<b>g 0,63 / LT 0,80</b>
<b>4.14 Air permeability / Lufttæthed</b>	<b>NPD</b>	<b>NPD</b>	<b>NPD</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										
Notified body / notificeret organ										
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)										
<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	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	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	ETk P802670-A 2008-05-25	ETk P802670-A 2008-05-25

<b>4.18 Ventilation - Independent on opening function / Uafhængig af åbnefunktion</b>		
<b>Clickvent placed in head / Friskluftventil placeret i overkarm</b>		
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
<b>Clickvent placed in jump / Friskluftventil placeret i sidekarm</b>		
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