

Declaration of Performance / Ydeevnedeklaration VELFAC 200 Energy

The performance of the Windows and Patio doors in the product serie VELFAC 200 Energy 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 og Terrassedørene i produktserien VELFAC 200 Energy 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

Harmonised technical specification Harmoniseret teknisk specifikation	EN 14351-1:2006 +A1:2010
Type of construction product Byggevaretype	Windows and Patio doors Facadevinduer og Terrassedøre
Construction product identification Byggevareidentifikation	VELFAC 200 Energy
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
Notified Bodies / Notificerede organer	
Chiltern Dynamics , Chiltern House, Stocking Lane, Hughenden Valley, High Wycombe, HP14 4ND, United Kingdom	NB 1314
Teknologisk Institut , Teknologiparken, Kongsvang Allé 29, 8000 Århus C, Denmark	NB 1235
BM TRADA , Chiltern House, Stocking Lane, Hughenden Valley, High Wycombe, HP14 4ND, United Kingdom	NB 1224

Declaration of Performance / Ydeevnedeklaration VELFAC 200 Energy

200E-02-CGR

	V210 Energy	V212 Energy	V201 Energy	V207 Energy	V208 Energy	V203 Energy	V229 Energy		V231 Energy	V200 Energy WMA
Element type	Fixed window	Tophung projecting	Sidehung	Sidehung projecting	Tophung	Buttomhung	Reversible		Door high window	V201, V203, V207, V212, V229
Opening direction	-	Outward	Outward	Outward	Outward	Outward	Outward		Outward	Outward
Element type	Fast vindue	Topstyret	Sidehængt	Sidestyret	Tophængt	Bundhængt	Vendevindue		Vinduesdør	V201, V203, V207, V212, V229
Åbningsretning	-	Udadgående	Udadgående	Udadgående	Udadgående	Udadgående	Udadgående		Udadgående	Udadgående
4.2 Resistance to wind load / Modstandsevne overfor vindlast	4C (1600Pa)	4C (1600Pa)	4C (1600Pa)	NPD	4C (1600Pa)	NPD	4C (1600Pa)		4C (1600Pa)	NPD
Test and Classification / Test og klassifikation	EN 12211:2000 EN 12210:2000	EN 12211:2000 EN 12210:2000	EN 12211:2000 EN 12210:2000		EN 12211:2000 EN 12210:2000		EN 12211:2000 EN 12210:2000		EN 12211:2000 EN 12210:2000	
Notified body / notificeret organ	NB 1314	NB 1314	NB 1314		NB 1314		NB 1314		NB 1314	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)	Chilt/P13173/15 February 2014 (2000*2200)	Chilt/P13173/01 February 2014 (1800*1030)	Chilt/P13173/05 February 2014 (1100*1815)		Chilt/P13173/09 February 2014 (1700*888)		Chilt/P13173/14 February 2014 (1800*1020)		Chilt/P13173/07 February 2014 (1100*2425)	
4.5 Watertightness / Vandtæthed	E1500 (1500 Pa)	E1500 (1500 Pa)	E1500 (1500 Pa)	NPD	E1500 (1500 Pa)	NPD	E1500 (1500 Pa)		E1500 (1500 Pa)	NPD
Test and Classification / Test og klassifikation	EN 1027:2000 EN 12208:2000	EN 1027:2000 EN 12208:2000	EN 1027:2000 EN 12208:2000		EN 1027:2000 EN 12208:2000		EN 1027:2000 EN 12208:2000		EN 1027:2000 EN 12208:2000	
Notified body / notificeret organ	NB 1314	NB 1314	NB 1314		NB 1314		NB 1314		NB 1314	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)	Chilt/P13173/15 February 2014 (2000*2200)	Chilt/P13173/01 February 2014 (1800*1030)	Chilt/P13173/05 February 2014 (1100*1815)		Chilt/P13173/09 February 2014 (1700*888)		Chilt/P13173/14 February 2014 (1800*1020)		Chilt/P13173/07 February 2014 (1100*2425)	
4.6 Dangerous substances / Farlige stoffer	None	None	None	None	None	None	None		None	
4.8 Load-bearing capacity of safety devices / Sikkerhedsudstyrs bæreevne	N/A	Passed/bestået (optional)	Passed/bestået (optional)	Passed/bestået (optional)	Passed/bestået (optional)	N/A	Passed / bestået		Passed/bestået (optional)	N/A
Test and Classification / Test og klassifikation		EN 14609:2004 EN 14351-1	EN 14609:2004 EN 14351-1	EN 14609:2004 EN 14351-1	EN 14609:2004 EN 14351-1		EN 14609:2004 EN 14351-1		EN 14609:2004 EN 14351-1	
Notified body / notificeret organ		NB 1314	NB 1314	NB 1314	NB 1314		NB 1314		NB 1224	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)		Chilt/P13136/12 August 2013 (1220*1500)	Chilt/P13136/12 August 2013 (1220*1500)	Chilt/P13136/12 August 2013 (1220*1500)	Chilt/P13136/12 August 2013 (1220*1500)		Chilt/P13136/12 August 2013 (1220*1500)		BMT/MTP/F14077 April 2014 (1100*2425)	
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									
4.12 Thermal transmittance / Termisk transmissionskoefficient (element size: 1230*1480. VELFAC standard pane)	0,8 (W/m2K)	0,8 (W/m2K)	0,8 (W/m2K)	0,8 (W/m2K)	0,8 (W/m2K)	0,8 (W/m2K)	0,8 (W/m2K)		0,8 (W/m2K)	0,8 (W/m2K)
Test and Classification / Test og klassifikation	EN ISO 10077-2:2011	EN ISO 10077-2:2011	EN ISO 10077-2:2011	EN ISO 10077-2:2011	EN ISO 10077-2:2011	EN ISO 10077-2:2011	EN ISO 10077-2:2011		EN ISO 10077-2:2011	EN ISO 10077-2:2011
Notified body / notificeret organ	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	0108/550524 2013-05-21	0108/550524 2013-05-21	0108/550524 2013-05-21	0108/550524 2013-05-21	0108/550524 2013-05-21	0108/550524 2013-05-21	0108/550524 2013-05-21		0108/550524 2013-05-21	0108/550524 2013-05-21
4.13 Radiation properties / Strålingsegenskaber	g 0,50 / LT 0.72	g 0,50 / LT 0.72	g 0,50 / LT 0.72	g 0,50 / LT 0.72	g 0,50 / LT 0.72	g 0,50 / LT 0.72	g 0,50 / LT 0.72		g 0,50 / LT 0.72	g 0,50 / LT 0.72
4.14 Air permeability / Lufttæthed	4 (600Pa)	4 (600Pa)	4 (600Pa)	NPD	4 (600Pa)	NPD	4 (600Pa)		4 (600Pa)	NPD
Test and Classification / Test og klassifikation	EN 1026:2000 EN 12207:2000	EN 1026:2000 EN 12207:2000	EN 1026:2000 EN 12207:2000		EN 1026:2000 EN 12207:2000		EN 1026:2000 EN 12207:2000		EN 1026:2000 EN 12207:2000	
Notified body / notificeret organ	NB 1314	NB 1314	NB 1314		NB 1314		NB 1314		NB 1314	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)	Chilt/P13173/15 February 2014 (2000*2200)	Chilt/P13173/01 February 2014 (1800*1030)	Chilt/P13173/05 February 2014 (1100*1815)		Chilt/P13173/09 February 2014 (1700*888)		Chilt/P13173/14 February 2014 (1800*1020)		Chilt/P13173/07 February 2014 (1100*2425)	

4.16 Operating forces / Betjeningskraft	N/A	Class 1	Class 1	NPD	NPD		NPD		Class 1	NPD
Test and Classification / Test og klassifikation		EN 12046-1:2004 EN 13115:2001	EN 12046-1:2004 EN 13115:2001						EN 12046-1:2004 EN 13115:2001	
Notified body / notificeret organ		NB1314	NB1314						NB1314	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)		Chilt/P13173/01 February 2014 (1800*1030)	Chilt/P13173/07 February 2014 (1100*2425)						Chilt/P13173/07 February 2014 (1100*2425)	
4.17 Mechanical strength / Mekanisk styrke	NPD	Class 3	Class 3	NPD	NPD		NPD		Class 3	NPD
Test and Classification / Test og klassifikation		EN 14608:2004 EN 14609:2004 EN 13115:2001	EN 14608:2004 EN 14609:2004 EN 13115:2001						EN 14608:2004 EN 14609:2004 EN 13115:2001	
Notified body / notificeret organ		NB1314	NB1314						NB1314	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)		Chilt/P13173/01 February 2014 (1800*1030)	Chilt/P13173/07 February 2014 (1100*2425)						Chilt/P13173/07 February 2014 (1100*2425)	
4.21 Resistance to repeated opening and closing / Modstandsevne for gentagen åbning og lukning	N/A	Class 3 (20.000)	Class 3 (20.000)	NPD	NPD		NPD		Class 3 (20.000)	NPD
Test and Classification / Test og klassifikation		EN 1191:2000 EN 12400:2002	EN 1191:2000 EN 12400:2002						EN 1191:2000 EN 12400:2002	
Notified body / notificeret organ		NB1314	NB1314						NB1314	
Test report, issue date (element size) / Test rapport,		Chilt/P13173/01 February 2014 (1800*1030)	Chilt/P13173/07 February 2014 (1100*2425)						Chilt/P13173/07 February 2014 (1100*2425)	