



## Declaration of Performance / Ydeevnedeklaration VELFAC Classic alu A

The performance of the Windows and Patio doors in the product serie VELFAC Classic alu A 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 Terrassedøre i produktserien VELFAC Classic alu A 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 and Patio doors Facadevinduer og Terrassedøre
Construction product identification Byggevareidentifikation	VELFAC Classic alu A
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

# Declaration of Performance / Ydeevnedeklaration VELFAC Classic alu A

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	Classic alu A 10	Classic alu A 11	Classic alu A 12	Classic alu A 01	Classic alu A 07		Classic alu A 31	Classic alu A 35
Element type	Fixed window	Fixed window with sash	Tophung projecting	Sidehung	Sidehung projecting		Door high window	Patio access door
Opening direction	-	-	Outward	Outward	Outward		Outward	Outward
Element type	Fast vindue	Fast vindue med ramme	Topstyret	Sidehængt	Sidestyret		Vinduesdør	Terrassedør
Åbningsretning	-	-	Udadgående	Udadgående	Udadgående		Udadgående	Udadgående
4.2 Resistance to wind load / Modstandsevne overfor vindlast	4C (1600Pa)	NPD	4B (1600Pa)	4C (1600Pa)	NPD		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	
Notified body / notificeret organ	NB 1314		NB 1314	NB 1314			NB 1314	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)	Chilt/P12056/11 February 2013 (2490*2400)		Chilt/P12056/09 February 2013 (1797*1568)	Chilt/P12056/16 February 2013 (940*1800)			Chilt/P12056/17 February 2013 (2340*2400)	
4.5 Watertightness / Vandtæthed	9A (600Pa)	NPD	9A (600Pa)	9A (600Pa)	NPD		9A (600Pa)	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	
Notified body / notificeret organ	NB 1314		NB 1314	NB 1314			NB 1314	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)	Chilt/P12056/11 February 2013 (2490*2400)		Chilt/P12056/09 February 2013 (1797*1568)	Chilt/P12056/16 February 2013 (940*1800)			Chilt/P12056/17 February 2013 (2340*2400)	
4.8 Load-bearing capacity of safety devices / Sikkerhedsudstyrs bæreevne	N/A	N/A	Passed (optional)	Passed (optional)	Passed (optional)		Passed (optional)	N/A
Test and Classification / Test og klassifikation			EN 14609:2004 EN 14351-1 Clause 4.8	EN 14609:2004 EN 14351-1 Clause 4.8	EN 14609:2004 EN 14351-1 Clause 4.8		EN 14609:2004 EN 14351-1 Clause 4.8	
Notified body / notificeret organ			NB 1314	NB 1314	NB 1314		NB 1314	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)			Chilt/P13059 Marts 2013	Chilt/P13059 Marts 2013	Chilt/P13059 Marts 2013		Chilt/P13059 Marts 2013	
4.11 Acoustic performance / Akustisk ydeevne (element size: 1230*1480)	NPD	See table below, Se tabel nedenfor Rw (C;Ctr)					NPD	NPD
Test and Classification / Test og klassifikation		EN ISO 10140-2:2010, EN ISO 717-1						
Notified body / notificeret organ		NB 1314						
Test report, issue date / Test rapport, udgivelsesdato		Chilt/Z12014/04, Chilt/Z12014/13, November 2012						
4/0.76/4-12-6-12-4/0.76/4 Sound safety energy/Clear/Sound safety energy WE w. Argon		43 (-1;-6) dB	43 (-1;-6) dB	43 (-1;-6) dB	43 (-1;-6) dB			
6-16-4-14-4/0.76/4 Energy/Clear/Sound safety energy WE w. Argon		42 (-1;-4) dB	42 (-1;-4) dB	42 (-1;-4) dB	42 (-1;-4) dB			
4-18-4-16-3/0.38/3 Energy safety/Clear/Energy safety WE w. Argon		39 (-1;-5) dB	39 (-1;-5) dB	39 (-1;-5) dB	39 (-1;-5) dB			
4-16-4-16-4/0.76/4 Energy/Clear/Sound safety energy WE w. Argon		41 (-1;-5) dB	41 (-1;-5) dB	41 (-1;-5) dB	41 (-1;-5) dB			
3/0.76/3-14-6-12-4/0.76/4 Energy safety/Clear/Sound safety energy WE		42 (-1;-4) dB	42 (-1;-4) dB	42 (-1;-4) dB	42 (-1;-4) dB			
4-18-4-18-4 Energy/Clear/Energy WE w. Argon		34 (-1;-5) dB	34 (-1;-5) dB	34 (-1;-5) dB	34 (-1;-5) dB			
4-18-4-16-6 Energy/Clear/Energy WE w. Argon		38 (-1;-6) dB	38 (-1;-6) dB	38 (-1;-6) dB	38 (-1;-6) dB			
4-16-4-14-4/1.52/4 Energy/Clear/Energy safety WE w. Argon		40 (-1;-5) dB	40 (-1;-5) dB	40 (-1;-5) dB	40 (-1;-5) dB			
3/0.76/3-18-4-16-4 Energy safety/Clear/Energy WE w. Argon		39 (-1;-4) dB	39 (-1;-4) dB	39 (-1;-4) dB	39 (-1;-4) dB			
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 except Classic 35)	0.7 (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 14351-1:2006 +A1:2010, EN ISO 10077-2:2003	EN 14351-1:2006 +A1:2010, EN ISO 10077-2:2003	EN 14351-1:2006 +A1:2010, EN ISO 10077-2:2003	EN 14351-1:2006 +A1:2010, EN ISO 10077-2:2003	EN 14351-1:2006 +A1:2010, EN ISO 10077-2:2003		EN 14351-1:2006 +A1:2010, EN ISO 10077-2:2003	EN 14351-1:2006 +A1:2010, EN ISO 10077-2:2003
Notified body / notificeret organ	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235		NB 1235	NB 1235
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)	477165 Velfac Classic A ITT 2012-04-20	477165 Velfac Classic A ITT 2012-04-20	477165 Velfac Classic A ITT 2012-04-20	477165 Velfac Classic A ITT 2012-04-20	477165 Velfac Classic A ITT 2012-04-20		477165 Velfac Classic A ITT 2012-04-20	0108/478300 Velfac - beregningsrap ITT Velfac Ribo alu A 2012-05-30 (1230*2180)

<b>4.13 Radiation properties / Strålingsegenskaber</b>	<b>g 0,51 LT 0,72</b>	<b>g 0,51 LT 0,72</b>	<b>g 0,51 LT 0,72</b>	<b>g 0,51 LT 0,72</b>	<b>g 0,51 LT 0,72</b>		<b>g 0,51 LT 0,72</b>	<b>g 0,50 / LT 0,72</b>
<b>4.14 Air permeability / Lufttæthed</b>	<b>4 (600Pa)</b>	<b>NPD</b>	<b>4 (600Pa)</b>	<b>4 (600Pa)</b>	<b>NPD</b>		<b>4 (600Pa)</b>	<b>NPD</b>
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	
Notified body / noticeret organ	NB 1314		NB 1314	NB 1314			NB 1314	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)	Chilt/P12056/11 February 2013 (2490*2400)		Chilt/P12056/09 February 2013 (1797*1568)	Chilt/P12056/16 February 2013 (940*1800)			Chilt/P12056/17 February 2013 (2340*2400)	
<b>4.16 Operating forces / Betjeningskraft</b>	<b>N/A</b>	<b>N/A</b>	<b>Class 1</b>	<b>NPD</b>	<b>NPD</b>		<b>Class 1</b>	<b>NPD</b>
Test and Classification / Test og klassifikation			EN 12046-1:2003 EN 13115:2001				EN 12046-1:2003 EN 13115:2001	
Notified body / noticeret organ			NB 1314				NB 1314	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)			Chilt/P12056/09 February 2013 (1797*1568)				Chilt/P12056/15 February 2013 (1835*1800)	
<b>4.17 Mechanical strength / Mekanisk styrke</b>	<b>N/A</b>	<b>N/A</b>	<b>Class 3</b>	<b>NPD</b>	<b>NPD</b>		<b>Class 3</b>	<b>NPD</b>
Test and Classification / Test og klassifikation			EN 14608:2004 EN 14609:2004 EN 13115:2001				EN 14608:2004 EN 14609:2004 EN 13115:2001	
Notified body / noticeret organ			NB 1314				NB 1314	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)			Chilt/P12056/09 February 2013 (1797*1568)				Chilt/P12056/15 February 2013 (1835*1800)	
<b>4.21 Resistance to repeated opening and closing / Modstandsevne for gentagen åbning og lukning</b>	<b>N/A</b>	<b>N/A</b>	<b>Class 3 (20.000)</b>	<b>NPD</b>	<b>NPD</b>		<b>Class 3 (20.000)</b>	<b>NPD</b>
Test and Classification / Test og klassifikation			EN 1191:2000 EN 12400:2002				EN 1191:2000 EN 12400:2002	
Notified body / noticeret organ			NB 1314				NB 1314	
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)			Chilt/P12056/09 February 2013 (1797*1568)				Chilt/P12056/15 February 2013 (1835*1800)	