



Declaration of Performance / Ydeevnedeklaration
VELFAC 200 Energy WMA smoke
DoP - VELFAC 200 Energy WMA smoke - 2019.07.12

The performance of the Windows and Smoke ventilation in the product serie VELFAC 200 Energy WMA smoke 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 Røgventilatorerne i produktserien VELFAC 200 Energy WMA smoke 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

Type of construction product Byggevaretype	Windows and Smoke ventilation Facadevinduer og Røgventilator
Construction product identification Byggeveidentifikation	VELFAC 200 Energy WMA smoke
Intended use Byggevaens tilsigtede anvendelse	For domestic and commercial buildings Til boliger og erhvervsbygninger
Manufacturer Producent	DOVISTA Polska
Manufacturer, address Producent, adresse	Sp.z.o.o. Wedkowy 83-115, PL-83-115 SWAROZYN, Poland
Name and address of authorised representative Navn og adresse på bemyndiget repræsentant	VELFAC A/S, Bygholm Søpark 23, 8700 Horsens, Denmark
System of assessment and verification of constancy of performance of the construction product Systemerne for vurdering af kontrol af konstansen af byggevaens ydeevne	(AVCP) System 1 - for Smoke vent (AVCP) System 3 - general performance

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.

Vinduer og døre, som indeholder elektronik og elektriske komponenter, er i overensstemmelse EUROPA-PARLAMENTETS OG RÅDETS DIREKTIV om begrænsning af anvendelsen af visse farlige stoffer i elektrisk og elektronisk udstyr - RoHS.
 (Direktive 2011/65/EU EUROPA-Parlamentet 8. Juni 2011 omkring begrænsninger i brug af specifikke farlige indholdsstoffer i elektronik og elektronisk udstyr med tilføjelser til direktivet 2015/863/EU)



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Harmonised technical specification
Harmoniseret teknisk specifikation

EN 12101-2:2003

Notified Bodies / Notificerede organer
SP Technical Research Institute of Sweden, Box 857, SE-501 15 Borås, Sweden

NB 0402

Certificate number / Certifikat nummer
First issued / Udstedelsesdato

0402 - CPR - SC0499-14
 25th of August 2014 / 25. august 2014

Element type / Element type		V201 Energy WMA smoke Sidehung / Sidehængt	V212 Energy WMA smoke Tophung projecting / Topstyret	V231 Energy WMA smoke Casement door / Vinduesdør	V203 Energy WMA smoke Buttomhung / Bundhængt
Opening direction / Åbningsretning		Outward / Udadgående	Outward / Udadgående	Outward / Udadgående	Outward / Udadgående
Essential characteristics / Essentielle karakteristika	Requirement Clause in EN 12100-2:2003				
Aerodynamic free area (standard size) [m ²] / Aerodynamisk fri areal (standard størrelse) [m ²]	6	0,66 ¹ (1230x1480)	0,74 ¹ (1230x1480)	0,88 ¹ (1230x2180)	0,74 ¹ (1230x1480)
Reliability / Pålidelighed	7.1	Re 1000	Re 1000	Re 1000	Re 1000
Low ambient temperature [°C] / Laveste omgivende temperatur [°C]	7.3	T(-05)	T(-05)	T(-05)	T(-05)
Wind load [Pa] / Vind last [Pa]	7.4	WL 3000	WL 3000	WL 3000	WL 3000
Resistance to heat / Varmemodstand	7.5	B 300	B 300	B 300	B 300
Reaction to fire classification / Omsætning af brand klassifikation	7.5.2.1				
Aluminium (Part of sash) / Aluminium (rammedel)		A1	A1	A1	A1
Profile "50.0257" (part of sash) / Profil "50.0257" (rammedel)		E	E	E	E
Wood (Frame) / Træ (karm)		F	F	F	F
Glass / Glas		A1	A1	A1	A1

¹ Calculation for aerodynamic free areal for specific sizes, can be found at VELFAC homepage / Beregning af aerodynamisk fri areal for specifikke størrelser kan findes på VELFAC hjemmesiden.



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Harmonised technical specification
 Harmoniseret teknisk specifikation

EN 14351-1:2006 +A2:2016

Notified Bodies / Notificerede organer

Chiltern Dynamics, Chiltern House, Stocking Lane, Hughenden Valley, High Wycombe, HP14 4ND, United Kingdom
Teknologisk Institut, Teknologiparken, Kongsvang Allé 29, 8000 Århus C, Denmark
BM TRADA, Chiltern House, Stocking Lane, Hughenden Valley, High Wycombe, HP14 4ND, United Kingdom

NB 1314
 NB 1235
 NB 1224

	V201 Energy WMA smoke	V212 Energy WMA smoke	V231 Energy WMA smoke	V203 Energy WMA smoke
Element type / Element type	Sidehung / Sidehængt	Tophung projecting / Topstyret	Casement door / Vinduesdør	Buttomhung / Bundhængt
Opening direction / Åbningsretning	Outward / Udadgående	Outward / Udadgående	Outward / Udadgående	Outward / Udadgående
Watertightness / Vandtæthed	E1500 (1500 Pa)	E1500 (1500 Pa)	E1500 (1500 Pa)	E1500 (1500 Pa)
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 1224	NB 1224	NB 1224	NB 1224
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)	Chilt/P13173/05 February 2014 (1815*1100)	Chilt/P13173/01 February 2014 (1030*1800)	Chilt/P13173/07 February 2014 (2425*1100)	Chilt/P13173/11 February 2014 (1200*1000)
Air permeability / Lufttæthed	Class 4 (600Pa)	Class 4 (600Pa)	Class 4 (600Pa)	Class 4 (600 Pa)
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 / notificeret organ	NB 1224	NB 1224	NB 1224	NB 1224
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)	Chilt/P13173/05 February 2014 (1815*1100)	Chilt/P13173/01 February 2014 (1030*1800)	Chilt/P13173/07 February 2014 (2425*1100)	Chilt/P13173/11 February 2014 (1200*1000)
Resistance to wind load / Modstandsevne overfor vindlast	Class 4C (1600Pa)	Class 4C (1600Pa)	Class 4C (1600Pa)	Class 4C (1600Pa)
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 1224	NB 1224	NB 1224	NB 1224
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)	Chilt/P13173/05 February 2014 (1815*1100)	Chilt/P13173/04/A/Rev1 September 2013 (1255*1485)	Chilt/P13173/07 February 2014 (2425*1100)	Chilt/P13173/11 February 2014 (1200*1000)
Thermal transmittance / Termisk transmissionskoefficient (element size: 1230*1480 - VELFAC standard pane)	0,82 (W/m2K)	0,82 (W/m2K)	0,82 (W/m2K)	0,82 (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
Notified body / notificeret organ	NB 1235	NB 1235	NB 1235	NB 1235
Test report, issue date / Test rapport, udgivelsesdato	0108/550524	0108/550524	0108/550524	0108/550524
4.6 Dangerous substances / Farlige stoffer	None	None	None	None
Test and Classification / Test og klassifikation	-	-	-	-
Notified body / notificeret organ	-	-	-	-
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)	-	-	-	-
4.8 Load-bearing capacity of safety devices / Sikkerhedsudstyrs bæreevne	N/A	N/A	N/A	N/A
Test and Classification / Test og klassifikation	-	-	-	-
Notified body / notificeret organ	-	-	-	-
Test report, issue date (element size) / Test rapport, udgivelsesdato, (element størrelse)	-	-	-	-