



Harmonized Product Standard

BS EN 14351-1:2006 +A2:2016

Declaration of Performance

Type of construction product:
Facade windows and Casement doors

**Rationel FORMAPLUS
triple-glazed**

DOP no.:
W-EL-UK-20240901

The performance of the Facade windows and Casement doors in product line Rationel FORMAPLUS; triple-glazed are in conformity with the declared in the following pages.

This Declaration of Performance is issued under the sole responsibility of DOVISTA A/S.
System of assessment and verification of constancy of performance of the construction product:
(AVCP) System 3

Intended use:
For domestic and commercial buildings

Manufacturer:
DOVISTA A/S
Bygholm Søpark 21D, 8700 Horsens, Denmark

Notified Bodies (Test institute):
NB 1314, NB 1235

Name of authorized representative: DOVISTA (UK) Ltd., VAT No. GB 493346816, MD Brown, Nicholas Julian
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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.

Date:

27 August 2024

Horsens

Signed on behalf of DOVISTA A/S



Allan Lindhard Jørgensen
CEO, DOVISTA A/S

Declaration of Performance Rationel FORMAPLUS; triple-glazed

	4.2 Resistance to windload	4.5 Water tightness	4.6 Dangerous substances	4.8 Load bearing capacity of safety devices	4.11 Acoustic performance	4.12 * Thermal transmittance	4.13 * Radiation properties	4.14 Air permeability
Opening function								
CDO	Casement door, 1-leaf							
Declared value	1600PA (C4)	600 PA (9A)	None	(350N/60s), optional	NPD	0,80 (W/m2K)	g 0,53 / LT 0,74	600 PA (4)
Classification standard	EN 12210:2000	EN 12208:2000	None	EN 14609:2004	-	-	-	EN 12207:2000
Test standard	EN 12211:2000	EN 1027:2000	None	EN 14609:2004	-	EN ISO 10077-2: 2003/2012	-	EN 1026:2000
Notified body	NB 1314	NB 1314	None	NB 1314	-	NB 1235	-	NB 1314
Test report	Chilt/P12056/15/A 2013	Chilt/P12056/15/A 2013	None	Chilt/P13059/02, P12056/12 2013	-	0108/679830R, 2016-02-26	0108/679830R, 2016	Chilt/P12056/15/A 2013
Tested size (mm), WxH	1200 x 2400	1200 x 2400	None	-	-	1230 x 1480	-	1200 x 2400
FC								
FC	Fixed casement							
Declared value	NPD	600 PA (9A)	None	N/A	NPD	0,80 (W/m2K)	g 0,53 / LT 0,74	600 PA (4)
Classification standard	EN 12210:2000	EN 12208:2000	-	-	-	-	-	EN 12207:2000
Test standard	EN 12211:2000	EN 1027:2000	-	-	-	EN ISO 10077-2: 2003/2012	-	EN 1026:2000
Notified body	NB 1314	NB 1314	-	-	-	NB 1235	-	NB 1314
Test report	BMT/MTP/F12056/10/Rev1/C 2014	BMT/MTP/F12056/10/Rev1/C 2014	-	-	-	0108/679830R, 2016-02-26	0108/679830R, 2016	BMT/MTP/F12056/10/Rev1/C 2014
Tested size (mm), WxH	935 x 1800	935 x 1800	-	-	-	1230 x 1480	-	935 x 1800
FL								
FL	Fixed light							
Declared value	1600PA (C4)	600 PA (9A)	None	N/A	NPD	0,72 (W/m2K)	g 0,53 / LT 0,74	600 PA (4)
Classification standard	EN 12210:2000	EN 12208:2000	None	-	-	-	-	EN 12207:2000
Test standard	EN 12211:2000	EN 1027:2000	None	-	-	EN ISO 10077-2: 2003/2012	-	EN 1026:2000
Notified body	NB 1314	NB 1314	None	-	-	NB 1235	-	NB 1314
Test report	BMT/MTP/F12056/11/Rev1/C 2014	BMT/MTP/F12056/11/Rev1/C 2014	None	-	-	0108/679830R, 2016-02-26	0108/679830R, 2016	BMT/MTP/F12056/11/Rev1/C 2014
Tested size (mm), WxH	2490 x 2400	2490 x 2400	None	-	-	1230 x 1480	-	2490 x 2400

*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.

** Declared values see sheet "4.11, Acoustic performance"

Declaration of Performance Rationel FORMAPLUS; triple-glazed

	4.2 Resistance to windload	4.5 Water tightness	4.6 Dangerous substances	4.8 Load bearing capacity of safety devices	4.11 Acoustic performance	4.12 * Thermal transmittance	4.13 * Radiation properties	4.14 Air permeability
Opening function								
SGO	Side-guided window							
Declared value	1600PA (C4)	600 PA (9A)	None	(350N/60s), optional	**	0,80 (W/m2K)	g 0,53 / LT 0,74	600 PA (4)
Classification standard	EN 12210:2000	EN 12208:2000	None	EN 14609:2004	-	-	-	EN 12207:2000
Test standard	EN 12211:2000	EN 1027:2000	None	EN 14609:2004	SS-EN ISO 10140-1:2021/2:2021	EN ISO 10077-2: 2003/2012	-	EN 1026:2000
Notified body	NB 1314	NB 1314	None	NB 1314	NB 1314	NB 1235	-	NB 1314
Test report	BMT/MTP/F12056/13/Rev1/C 2014	BMT/MTP/F12056/13/Rev1/C 2014	None	Chilt/P13059, 2013-03-25	BMT/ENPS131749	0108/679830R, 2016-02-26	0108/679830R, 2016	BMT/MTP/F12056/13/Rev1/C 2014
Tested size (mm), WxH	1000 x 1600	1000 x 1600	None	-	1230 x 1480	1230 x 1480	-	1000 x 1600
SHO	Sidehung window							
Declared value	1600 PA (B4)	600 PA (9A)	None	(350N/60s), optional	**	0,80 (W/m2K)	g 0,53 / LT 0,74	600 PA (4)
Classification standard	EN 12210:2000	EN 12208:2000	None	EN 14609:2004	-	-	-	EN 12207:2000
Test standard	EN 12211:2000	EN 1027:2000	None	EN 14609:2004	SS-EN ISO 10140-1:2021/2:2021	EN ISO 10077-2: 2003/2012	-	EN 1026:2000
Notified body	NB 1314	NB 1314	None	NB 1314	NB 1314	NB 1235	-	NB 1314
Test report	BMT/MTP/F12056/10/Rev1/C 2014	BMT/MTP/F12056/10/Rev1/C 2014	None	Chilt/P13059, 2013-03-25	BMT/ENPS131749	0108/679830R, 2016-02-26	0108/679830R, 2016	BMT/MTP/F12056/10/Rev1/C 2014
Tested size (mm), WxH	935 x 1800	935 x 1800	None	-	1230 x 1480	1230 x 1480	-	935 x 1800
SHRO	Sidehung fully reversible window							
Declared value	1600PA (C4)	600 PA (9A)	None	(350N/60s), optional	**	0,80 (W/m2K)	g 0,53 / LT 0,74	600 PA (4)
Classification standard	EN 12210:2000	En 12208:2000	None	EN 14609:2004	-	-	-	EN 12207:2000
Test standard	EN 12211:2000	En 1027:2000	None	EN 14609:2004	SS-EN ISO 10140-1:2021/2:2021	EN ISO 10077-2: 2003/2012	-	EN 1026:2000
Notified body	NB 1314	NB 1314	None	NB 1314	NB 1314	NB 1235	-	NB 1314
Test report	BMT/MTP/F12056/13/Rev1/C 2014	BMT/MTP/F12056/13/Rev1/C 2014	None	Chilt/P13059, 2013-03-25	BMT/ENPS131749	0108/679830R, 2016-02-26	0108/679830R, 2016	BMT/MTP/F12056/13/Rev1/C 2014
Tested size (mm), WxH	1000 x 1600	1000 x 1600	None	-	1230 x 1480	1230 x 1480	-	1000 x 1600

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** Declared values see sheet "4.11, Acoustic performance"

Declaration of Performance Rationel FORMAPLUS; triple-glazed

	4.2 Resistance to windload	4.5 Water tightness	4.6 Dangerous substances	4.8 Load bearing capacity of safety devices	4.11 Acoustic performance	4.12 * Thermal transmittance	4.13 * Radiation properties	4.14 Air permeability
Opening function								
TGO	Top-guided window							
Declared value	1600PA (B4)	600 PA (9A)	None	(350N/60s), optional	**	0,80 (W/m2K)	g 0,53 / LT 0,74	600 PA (4)
Classification standard	EN 12210:2000	EN 12208:2000	None	EN 14609:2004	-	-	-	EN 12207:2000
Test standard	EN 12211:2000	EN 1027:2000	None	EN 14609:2004	SS-EN ISO 10140-1:2021/2:2021	EN ISO 10077-2: 2003/2012	-	EN 1026:2000
Notified body	NB 1314	NB 1314	None	NB 1314	NB 1314	NB 1235	-	NB 1314
Test report	BMT/MTP/F12056/09/Rev1/C 2014	BMT/MTP/F12056/09/Rev1/C 2014	None	Chilt/P13059, 2013-03-25	BMT/ENPS131749	0108/679830R, 2016-02-26	0108/679830R, 2016	BMT/MTP/F12056/09/Rev1/C 2014
Tested size (mm), WxH	1797 x 1568	1797 x 1568	None	-	1230 x 1480	1230 x 1480	-	1797 x 1568
THRO								
THRO	Tophung reversible window							
Declared value	1600PA (C4)	600 PA (9A)	None	(350N/60s), optional	**	0,80 (W/m2K)	g 0,53 / LT 0,74	600 PA (4)
Classification standard	EN 12210:2000	EN 12208:2000	None	EN 14609:2004	-	-	-	EN12207:2000
Test standard	EN 12211:2000	EN 1027:2000	None	EN 14609:2004	SS-EN ISO 10140-1:2021/2:2021	EN ISO 10077-2: 2003/2012	-	EN 1026:2000
Notified body	NB 1314	NB 1314	None	NB 1314	NB 1314	NB 1235	-	NB 1314
Test report	BMT/MTP/F12056/22/Rev1/C 2014	BMT/MTP/F12056/22/Rev1/C 2014	None	Chilt/P13059, 2013-03-25	BMT/ENPS131749	0108/679830R, 2016-02-26	0108/679830R, 2016	BMT/MTP/F12056/22/Rev1/C 2014
Tested size (mm), WxH	1600 x 1600	1600 x 1600	None	-	1230 x 1480	1230 x 1480	-	1600 x 1600

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Declaration Of Performance Rationel FORMAPLUS; triple-glazed
**** 4.11 Acoustic performance**

Glass	Fixed Light	Opening window	Casement door	Door	Sliding door
4-16-4-16-8,8 glazing unit Energy/Clear/SOUND Laminated Energy WE w. argon	-	41 (-1;-5)	-	-	-
4-18-4-16-6 glazing unit Energy/Clear/Energy WE GREY w. Argon	-	38 (-1;-6)	-	-	-
4-18-4-16-6,4 glazing unit Energy Toughened/Clear/Energy Laminated WE w. argon	-	39 (-1;-5)	-	-	-
4-18-4-18-4 glazing unit Energy/Clear/Energy WE GREY w. Argon	-	34 (-1;-5)	-	-	-
6,8-14-6-12-8,8 glazing unit Energy Lam./Clear/SOUND Lam. Energy WE w. argon	-	42 (-1;-4)	-	-	-
6-16-4-14-8,8 glazing unit Energy/Clear/SOUND Laminated Energy WE w. argon	-	42 (-1;-4)	-	-	-
8,8-12-6-12-8,8 glazing unit SOUND Lam. Energy/Clear/SOUND Lam. Energy WE w. argon	-	43 (-1;-6)	-	-	-