



Declaration of Performance

Date
Revision

The performance of the facade windows in the product serie Rationel FORMAPLUS (Double 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.

Signed on behalf of DOVISTA A/S:

Rationel FORMAPLUS

Horsens, 15. November 2022
W-EO-UK-2022/11/15

Allan Lindhard Jørgensen
CEO, DOVISTA A/S

Harmonised technical specification	BS EN 14351-1:2006 +A2:2016
Type of construction product	facade windows
Construction product identification (Great Britain)	Rationel FORMAPLUS (Double glazed)
Intended use	For domestic and commercial buildings
Manufacturer	DOVISTA A/S
Manufacturer, address	Bygholm Søpark 21D, 8700 Horsens, Denmark
Name of authorised representative	DOVISTA (UK) Ltd. VAT No. GB 493346816 MD Brown, Nicholas Julian
Address, Authorised representative	Ground Floor THE FORUM 9 Lancaster Way Ermine Business Park Cambridge, PE29 6XU +44 01480 759511
System of assessment and verification of constancy of performance of the construction product	(AVCP) System 3
Notified Bodies	
ELEMENT Element Materials Technology, Unit Three, Wednesbury One, Black Country New Road, Wednesbury, WS10 7NZ, UK, TLF +44 (0)121 506 7500	AB 1104
Teknologisk Institut, (DANISH TECHNOLOGICAL INSTITUTE) Teknologiparken, Kongsvang Allé 29, 8000 Århus C, Danmark	NB 1235

Conform to Machinery Directive 2006/42/EC, the EMC Directive 2014/108/EC and are manufactured in accordance with the Harmonised standards BS EN 60335-1, BS EN 60335-2-103.
When window openers are installed in the above-mentioned facade windows, they are considered as machinery. They must not be used until they have been installed in accordance with the instructions and regulations.
The overall system then meets the essential requirements of Directives 2006/42/EC, 2004/108/EC, and 2006/95/EC of the European Parliament and of the Council.

Declaration of Performance Rationel FORMAPLUS

Date: Horsens, 15. November 2022, Revision : W-EU-KK-2022/11/15

	FL	TGO	SHO	SGO	SHRO	THRO	CDO	CDO
Element type	Fixed liiht	Top ouided	Side huna	Side ouided	Side huna reversible	Top huna reversible	Casement door	Casement door
Opening direction	-	Outward	Outward	Outward	Outward	Outward	Outward	Outward
Element type	Fast karm	Toostvret	Sidahaenot	Sidestyret	Sidende	Toovende	Terrasseder	Terrasseder
Äbningsretning	-	Udadgående	Udadgående	Udadgående	Udadgående	Udadgående	Udadgående	Udadgående 2fl.
Fertigtietl Typ	Festverglasung ohne Flügel	Senkkloppfenster auswärts	Drehflüelfenster	Schiebdehfenster	Schiebdehfen 140°	Wendefenster mit Überschla	Terrassentür, Fensterprofil	Terrassentür, Fensterprofil
Öffnungs Richtung	-	Nach außen öffnend	Nach außen öffnend	Nach außen öffnend	Nach außen öffnend	Nach außen öffnend	Nach außen öffnend	Nach außen öffnend - 2 flügelig
4.2 Resistance to wind load	1600Pa (C4)	1600Pa (B4)	1600Pa (B4)	1600Pa (C4)	1600Pa (C4)	1600Pa (C4)	1600Pa (C4)	1600Pa (C4)
Test and Classification	BS EN 12211:2000 BS EN 12210:2000	BS EN 12211:2000 BS EN 12210:2000	BS EN 12211:2000 BS EN 12210:2000	BS EN 12211:2000 BS EN 12210:2000	BS EN 12211:2000 BS EN 12210:2000	BS EN 12211:2000 BS EN 12210:2000	BS EN 12211:2000 BS EN 12210:2000	BS EN 12211:2000 BS EN 12210:2000
Notified body	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104
Test report, issue date	BMT/MTP/F12056/11/Rev1/C May 2014	BMT/MTP/F12056/09/Rev1/C May 2014	BMT/MTP/F12056/10/Rev1/C May 2014	BMT/MTP/F12056/13/Rev1/C May 2014	BMT/MTP/F12056/13/Rev1/C May 2014	BMT/MTP/F12056/13/Rev1/C May 2014	BMT/MTP/F12056/22/Rev1/C May 2014	Chilr/P12056/16 May 2014
Tested size (frame width x height, WxH)	2490 x 2400	1797 x 1568	935 x 1800	1000 x 1600	1000 x 1600	1000 x 1600	1200 x 2400	2340 x 2400
4.5 Watertightness	600Pa (9A)	600Pa (9A)	600Pa (9A)	600Pa (9A)	600Pa (9A)	600Pa (9A)	600Pa (9A)	600Pa (9A)
Test and Classification	BS EN 1027:2000 BS EN 12208:2000	BS EN 1027:2000 BS EN 12208:2000	BS EN 1027:2000 BS EN 12208:2000	BS EN 1027:2000 BS EN 12208:2000	BS EN 1027:2000 BS EN 12208:2000	BS EN 1027:2000 BS EN 12208:2000	BS EN 1027:2000 BS EN 12208:2000	BS EN 1027:2000 BS EN 12208:2000
Notified body	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104
Test report, issue date	BMT/MTP/F12056/11/Rev1/C May 2014	BMT/MTP/F12056/09/Rev1/C May 2014	BMT/MTP/F12056/10/Rev1/C May 2014	BMT/MTP/F12056/13/Rev1/C May 2014	BMT/MTP/F12056/13/Rev1/C May 2014	BMT/MTP/F12056/13/Rev1/C May 2014	BMT/MTP/F12056/22/Rev1/C May 2014	Chilr/P12056/16 May 2014
Tested size (frame width x height, WxH)	2490 x 2400	1797 x 1568	935 x 1800	1000 x 1600	1000 x 1600	1000 x 1600	1200 x 2400	2340 x 2400
4.6 Dangerous substances	None	None	None	None	None	None	None	None
4.8 Load-bearing capacity of safety devices	-	(350N/60s), optional	(350N/60s), optional	(350N/60s), optional	(350N/60s), optional	(350N/60s), optional	(350N/60s), optional	(350N/60s), optional
Test and Classification	-	BS EN 14609:2004	BS EN 14609:2004	BS EN 14609:2004	BS EN 14609:2004	BS EN 14609:2004	BS EN 14609:2004	BS EN 14609:2004
Notified body	-	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104
Test report, issue date	-	Chilr/P13059, 2013-03-25	Chilr/P13059, 2013-03-25	Chilr/P13059, 2013-03-25	Chilr/P13059, 2013-03-25	Chilr/P13059, 2013-03-25	Chilr/P13059, 2013-03-25	Chilr/P13059/02, 2013-03-25, Chilr/P12056/12 2013-02-13
Tested size (frame width x height, WxH)	-	-	-	-	-	-	-	-
4.11 Acoustic performance	See table below, Se tabel nedenfor Rw (C,Ctr)							
Test and Classification	-	BS EN ISO 10140-2:2010	BS EN ISO 10140-2:2010	BS EN ISO 10140-2:2010	BS EN ISO 10140-2:2010	BS EN ISO 10140-2:2010	BS EN ISO 10140-2:2010	BS EN ISO 10140-2:2010
Notified body	-	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104
Test report, issue date	-	Chilr/Z12014/Cc/Ar1	Chilr/Z12014/Cc/Ar1	Chilr/Z12014/Cc/Ar1	Chilr/Z12014/Cc/Ar1	Chilr/Z12014/Cc/Ar1	Chilr/Z12014/Cc/Ar1	Chilr/Z12014/Cc/Ar1
Tested size (frame width x height, WxH)	-	1230 x 1480	1230 x 1480	1230 x 1480	1230 x 1480	1230 x 1480	1230 x 1480	1230 x 1480
4-24-4 Clear/Energy WE w. argon	-	34 (0;-3) dB	34 (0;-3) dB	34 (0;-3) dB	34 (0;-3) dB	34 (0;-3) dB	34 (0;-3) dB	34 (0;-3) dB
4-22-6 Clear/Energy WE w. argon	-	37 (-1;-4) dB	37 (-1;-4) dB	37 (-1;-4) dB	37 (-1;-4) dB	37 (-1;-4) dB	37 (-1;-4) dB	37 (-1;-4) dB
4-22-6,8 TGH Clear/Laminated Energy WE w. argon	-	38 (-1;-6) dB	38 (-1;-6) dB	38 (-1;-6) dB	38 (-1;-6) dB	38 (-1;-6) dB	38 (-1;-6) dB	38 (-1;-6) dB
4-22-6,4 TGH Clear/Laminated Energy WE w. argon	-	38 (-1;-5) dB	38 (-1;-5) dB	38 (-1;-5) dB	38 (-1;-5) dB	38 (-1;-5) dB	38 (-1;-5) dB	38 (-1;-5) dB
6-18-8,8 Clear/Sound Laminated Energy WE w. argon	-	39 (-2;-6) dB	39 (-2;-6) dB	39 (-2;-6) dB	39 (-2;-6) dB	39 (-2;-6) dB	39 (-2;-6) dB	39 (-2;-6) dB
6,8-16-8,8 Laminated Clear / Sound Laminated Energy WE w. argon	-	40 (0;-3) dB	40 (0;-3) dB	40 (0;-3) dB	40 (0;-3) dB	40 (0;-3) dB	40 (0;-3) dB	40 (0;-3) dB
4-20-8,8 Clear/Sound Laminated Energy WE w. argon	-	39 (-1;-5) dB	39 (-1;-5) dB	39 (-1;-5) dB	39 (-1;-5) dB	39 (-1;-5) dB	39 (-1;-5) dB	39 (-1;-5) dB
4-18-9,5 Clear/Laminated Energy WE w. argon	-	40 (-1;-4) dB	40 (-1;-4) dB	40 (-1;-4) dB	40 (-1;-4) dB	40 (-1;-4) dB	40 (-1;-4) dB	40 (-1;-4) dB
4.9 Thermal transmittance	U<sub>T</sub> (W/m<sup>2</sup>K)	U<sub>T</sub> (W/m<sup>2</sup>K)	U<sub>T</sub> (W/m<sup>2</sup>K)	U<sub>T</sub> (W/m<sup>2</sup>K)	U<sub>T</sub> (W/m<sup>2</sup>K)	U<sub>T</sub> (W/m<sup>2</sup>K)	U<sub>T</sub> (W/m<sup>2</sup>K)	U<sub>T</sub> (W/m<sup>2</sup>K)
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 BS EN 14351-1:2006 + A1:2010, Table E.2, Note d.							
Test and Classification	BS EN 10077-2: 2003/2012	BS EN 10077-2: 2003/2012	BS EN 10077-2: 2003/2012	BS EN 10077-2: 2003/2012	BS EN 10077-2: 2003/2012	BS EN 10077-2: 2003/2012	BS EN 10077-2: 2003/2012	BS EN 10077-2: 2003/2012
Notified body	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235
Test report, issue date	0108/686354R, 2016-03-07	0108/686354R, 2016-03-07	0108/686354R, 2016-03-07	0108/686354R, 2016-03-07	0108/686354R, 2016-03-07	0108/686354R, 2016-03-07	0108/686354R, 2016-03-07	0108/686354R, 2016-03-07
Tested size (frame width x height, WxH)	1230 x 1480	1230 x 1480	1230 x 1480	1230 x 1480	1230 x 1480	1230 x 1480	1230 x 1480	1230 x 1480
4.13 Radiation properties	g 0,64 / LT 0,82	g 0,64 / LT 0,82	g 0,64 / LT 0,82	g 0,64 / LT 0,82	g 0,64 / LT 0,82	g 0,64 / LT 0,82	g 0,64 / LT 0,82	g 0,64 / LT 0,82
4.14 Air permeability	600Pa (4)	600Pa (4)	600Pa (4)	600Pa (4)	600Pa (4)	600Pa (4)	600Pa (4)	600Pa (4)
Test and Classification	BS EN1026:2000 BS EN12207:2000	BS EN1026:2000 BS EN12207:2000	BS EN1026:2000 BS EN12207:2000	BS EN1026:2000 BS EN12207:2000	BS EN1026:2000 BS EN12207:2000	BS EN1026:2000 BS EN12207:2000	BS EN1026:2000 BS EN12207:2000	BS EN1026:2000 BS EN12207:2000
Notified body	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104	AB 1104
Test report, issue date	BMT/MTP/F12056/11/Rev1/C May 2014	BMT/MTP/F12056/09/Rev1/C May 2014	BMT/MTP/F12056/10/Rev1/C May 2014	BMT/MTP/F12056/13/Rev1/C May 2014	BMT/MTP/F12056/13/Rev1/C May 2014	BMT/MTP/F12056/13/Rev1/C May 2014	BMT/MTP/F12056/22/Rev1/C May 2014	Chilr/P12056/16 May 2014
Tested size (frame width x height, WxH)	2490 x 2400	1797 x 1568	935 x 1800	1000 x 1600	1000 x 1600	1000 x 1600	1200 x 2400	2340 x 2400