



Declaration of Performance / Ydeevnedeklaration	Rationel AURAPLUS, triple glazed / tre-lags
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Revision DOP-EB-2013/07/01

This declaration of performance is issued under the sole responsibility of Rationel Vinduer A/S.

Signed on behalf of Rationel Vinduer A/S:

Shen

Harmonised technical specification	EN 14351-1:2006 +A1:2010
Harmoniseret teknisk specifikation	

Byggevaretype	Indevinduerne byggevare
Construction product identification	Rational AURAPLUS, triple glazed / tre-lags
Byggevareidentifikation	

Byggevejens tilsluttede anvendelse	nr. 101 og 102
Manufaktur	Rationel Vinduer A/S
Producent	

Name and address of authorised representative	N/A
Navn og adresse på bemyndiget repræsentant	

Systemerne for vurdering af kontrol af konstansen af byggevarens ydeevne

Chiltern Dynamics,

NB 1314

NB 1235

Declaration of Performance / Ydeevnedeklaration Rationel AURAPLUS, triple glazed / tre-lags

DOP-EB-2013/07/01

Element type	Fixed window	Topguided	Sidehung	Sideguided	Sideswing	Fully reversible	Window door
Opening direction	-	Outward	Outward	Outward	Outward	Outward	Outward
Element type	Fast vindue	Topstyret	Sidehængt	Sidestyret	Sidevende	Vendevindue	Vinduesdør
Åbningsretning	-	Udadgående	Udadgående	Udadgående	Udadgående	Udadgående	Udadgående
4.2 Resistance to wind load / Modstandsevne overfor vindlast	1600Pa (4C)	1600Pa (4B)	1600Pa (4B)	1600Pa (4C)	1600Pa (4C)	1600Pa (4C)	1600Pa (4C)
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	EN 12211:2000 EN 12210:2000
Notified body / notificeret organ	NB 1314	NB 1314	NB 1314	NB 1314	NB 1314	NB 1314	NB 1314
Test report, issue date / Test rapport, udgivelsesdato	Chilt/p12056/11 February 2013	Chilt/P12056/09/A 2013-02-13	Chilt/P12056/10 February 2013	Chilt/p12056/13 February 2013	Chilt/p12056/13 February 2013	Chilt/P12056/22 2013-02-13	Chilt/P12056/17 February 2013
4.5 Watertightness /Vandtæthed	600Pa (9A)	600Pa (9A)	600Pa (9A)	600Pa (9A)	600Pa (9A)	600Pa (9A)	600Pa (9A)
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	EN 1027:2000 EN 12208:2000
Notified body / notificeret organ	NB 1314	NB 1314	NB 1314	NB 1314	NB 1314	NB 1314	NB 1314
Test report, issue date / Test rapport, udgivelsesdato	Chilt/p12056/11 February 2013	Chilt/P12056/09/A 2013-02-13	Chilt/P12056/10 February 2013	Chilt/p12056/13 February 2013	Chilt/p12056/13 February 2013	Chilt/P12056/22 2013-02-13	Chilt/P12056/17 February 2013
4.8 Load-bearing capacity of safety devices / Sikkerhedsudstyrs bæreevne	N/A	Passed (optional)	Passed (optional)	Passed (optional)	Passed (optional)	Passed	N/A
Test and Classification / Test og klassifikation	-	EN 14609:2004	EN 14609:2004	EN 14609:2004	EN 14609:2004	EN14609:2004	-
Notified body / notificeret organ	-	NB 1314	NB 1314	NB 1314	NB 1314	NB 1314	-
Test report, issue date / Test rapport, udgivelsesdato	-	Chilt/P13059, 2013-03-25	Chilt/P13059, 2013-03-25	Chilt/P13059, 2013-03-25	Chilt/P13059, 2013-03-25	Chilt/P12056/12, 2013-02-13 Chilt/P13059, 2013-03-25	-
4.11 Acoustic performance / Akustisk ydeevne	NPD	See table below, Se tabel nedenfor Rw (C;Ctr)					NPD
Test and Classification / Test og klassifikation		EN ISO 10140-2:2010	EN ISO 10140-2:2010	EN ISO 10140-2:2010	EN ISO 10140-2:2010	EN ISO 10140-2:2010	
Notified body / notificeret organ		NB 1314	NB 1314	NB 1314	NB 1314	NB 1314	
Test report, issue date / Test rapport, udgivelsesdato		Chilt/Z12014/Dc/Ar1	Chilt/Z12014/Dc/Ar1	Chilt/Z12014/Dc/Ar1	Chilt/Z12014/Dc/Ar1	Chilt/Z12014/Dc/Ar1	
4-20-4-18-6 Energi/Klar/Energi WE med Argon, 521102001		39 (-1;-6) dB	39 (-1;-6) dB	39 (-1;-6) dB	39 (-1;-6) dB	39 (-1;-6) dB	
4-20-4-18-6,4 Hærdet Energi/klar/Lamineret Energi WE med Argon, 521122003		39 (-1;-6) dB	39 (-1;-6) dB	39 (-1;-6) dB	39 (-1;-6) dB	39 (-1;-6) dB	
4-20-4-20-4 Energi/Klar/Energi WE med Argon, 521102000		33 (-3;-5) dB	33 (-3;-5) dB	33 (-3;-5) dB	33 (-3;-5) dB	33 (-3;-5) dB	
4-20-4-18-6,8 Hærdet Energi/klar/Lamineret Energi WE med Argon, 521122004		39 (-2;-7) dB	39 (-2;-7) dB	39 (-2;-7) dB	39 (-2;-7) dB	39 (-2;-7) dB	
6-18-4-16-8,8 Hærdet Energi/klar/Lamineret Lyd Energi WE med Argon, 521122110		41 (-1;-5) dB	41 (-1;-5) dB	41 (-1;-5) dB	41 (-1;-5) dB	41 (-1;-5) dB	
4-18-4-18-8,8 Energi/Klar/Lamineret Lyd Energi WE med Argon, 521102010		40 (0;-5) dB	40 (0;-5) dB	40 (0;-5) dB	40 (0;-5) dB	40 (0;-5) dB	
6,8-16-4-16-8,8 Lamineret Energi/Klar/Lamineret Energi WE med Argon, 521112310		42 (-1;-4) dB	42 (-1;-4) dB	42 (-1;-4) dB	42 (-1;-4) dB	42 (-1;-4) dB	
4-18-4-16-9,5 Energi/Klar/Lamineret Energi WE med Argon, 5211002007		39 (0;-4) dB	39 (0;-4) dB	39 (0;-4) dB	39 (0;-4) dB	39 (0;-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	Thermal transmissionskoefficient (4.12) og strålingsegenskaber (4.13) for et specifikt produkt er angivet på tilbud/ordrebekræftelse i overensstemmelse med EN 14351-1:2006 + A1:2010, Tabel E.2, Note d.						
4.12 Thermal transmittance / Termisk transmissionskoefficient	0,70 (W/m2K)	0,79 (W/m2K)	0,79 (W/m2K)	0,79 (W/m2K)	0,79 (W/m2K)	0,79 (W/m2K)	0,79 (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
Notified body / notificeret organ	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235
Test report, issue date / Test rapport, udgivelsesdato	516699 Rationel AURAPLUS (3) ITC, 2013-05-14	516699 Rationel AURAPLUS (3) ITC, 2013-05-14	516699 Rationel AURAPLUS (3) ITC, 2013-05-14	516699 Rationel AURAPLUS (3) ITC, 2013-05-14	516699 Rationel AURAPLUS (3) ITC, 2013-05-14	516699 Rationel AURAPLUS (3) ITC, 2013-05-14	516699 Rationel AURAPLUS (3) ITC, 2013-05-14
4.13 Radiation properties / Strålingsegenskaber	g 0,51 LT 0,72	g 0,51 LT 0,72	g 0,51 LT 0,72	g 0,51 LT 0,72	g 0,51 LT 0,72	g 0,51 LT 0,72	g 0,51 LT 0,72
4.14 Air permeability / Lufttæthed	600Pa (4)	600Pa (4)	600Pa (4)	600Pa (4)	600Pa (4)	600Pa (4)	600Pa (4)
Test and Classification / Test og klassifikation	EN1026:2000 EN12207:2000	EN1026:2000 EN12207:2000	EN1026:2000 EN12207:2000	EN1026:2000 EN12207:2000	EN1026:2000 EN12207:2000	EN1026:2000 EN12207:2000	EN1026:2000 EN12207:2000
Notified body / notificeret organ	NB 1314	NB 1314	NB 1314	NB 1314	NB 1314	NB 1314	NB 1314
Test report, issue date / Test rapport, udgivelsesdato	Chilt/p12056/11 February 2013	Chilt/P12056/09/A 2013-02-13	Chilt/P12056/10 February 2013	Chilt/p12056/13 February 2013	Chilt/p12056/13 February 2013	Chilt/P12056/22 2013-02-13	Chilt/P12056/17 February 2013
4.16 Operating forces / Betjeningskraft	N/A	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1
Test and Classification / Test og klassifikation		EN12046-1:2003 EN13115:2001	EN12046-1:2003 EN13115:2001	EN12046-1:2003 EN13115:2001	EN12046-1:2003 EN13115:2001	EN12046-1:2003 EN13115:2001	EN12046-1:2003 EN13115:2001
Notified body / notificeret organ		NB 1314	NB 1314	NB 1314	NB 1314	NB 1314	NB 1314
Test report, issue date / Test rapport, udgivelsesdato		Chilt/P12056/09/A 2013-02-13	Chilt/P12056/10 February 2013	Chilt/p12056/13 February 2013	Chilt/p12056/13 February 2013	Chilt/P12056/12 2013-02-13	Chilt/P12056/15 February 2014
4.17 Mechanical strength / Mekanisk styrke		Class 3	Class 3	Class 3	Class 3	Class 3	Class 3
Test and Classification / Test og klassifikation		EN14608:2004 EN14609:2004 EN13115:2001	EN14608:2004 EN14609:2004 EN13115:2001	EN14608:2004 EN14609:2004 EN13115:2001	EN14608:2004 EN14609:2004 EN13115:2001	EN14608:2004 EN14609:2004 EN13115:2001	EN14608:2004 EN14609:2004 EN13115:2001
Notified body / notificeret organ		NB 1314	NB 1314	NB 1314	NB 1314	NB 1314	NB 1314
Test report, issue date / Test rapport, udgivelsesdato		Chilt/P12056/09/A 2013-02-13	Chilt/P12056/10 February 2013	Chilt/p12056/13 February 2013	Chilt/p12056/13 February 2013	Chilt/P12056/12 2013-02-13	Chilt/P12056/15 February 2014
4.21 Resistance to repeated opening and closing / Modstandsevne for gentagen åbning og lukning	N/A	20.000 Class 3	20.000 Class 3	20.000 Class 3	20.000 Class 3	20.000 Class 3	20.000 Class 3
Test and Classification / Test og klassifikation		EN 1191:2000 EN 12400:2002	EN 1191:2000 EN 12400:2002	EN 1191:2000 EN 12400:2002	EN 1191:2000 EN 12400:2002	EN 1191:2000 EN 12400:2002	EN 1191:2000 EN 12400:2002
Notified body / notificeret organ		NB 1314	NB 1314	NB 1314	NB 1314	NB 1314	NB 1314
Test report, issue date / Test rapport, udgivelsesdato		Chilt/P12056/09/A 2013-02-13	Chilt/P12056/10 February 2013	Chilt/p12056/13 February 2013	Chilt/p12056/13 February 2013	Chilt/P12056/12 2013-02-13	Chilt/P12056/15 February 2014

Declaration of Performance / Ydeevnedeclaration Rationel AURAPLUS, triple glazed / tre-lags						DOP-EB-2013/07/01
Element type	Terrace door	Terrace door	Entrance door	Entrance door	Panelled door	Panelled door
Opening direction	Inward opening	Outward	Inward opening	Outward	Inward opening	Outward
Element type Åbningsretning	Terrassedør	Terrassedør	Rammedør	Rammedør	Pladedør	Pladedør
	Indadgående	Udadgående	Indadgående	Udadgående	Indadgående	Udadgående
4.2 Resistance to wind load / Modstandsevne overfor vindlast	NPD	NPD	NPD	NPD	NPD	NPD
Test and Classification / Test og klassifikation						
Notified body / notificeret organ						
Test report, issue date / Test rapport, udgivelsesdato						
4.5 Watertightness / Vandtæthed	NPD	NPD	NPD	NPD	NPD	NPD
Test and Classification / Test og klassifikation						
Notified body / notificeret organ						
Test report, issue date / Test rapport, udgivelsesdato						
4.8 Load-bearing capacity of safety devices / Sikkerhedsudstyr's bæreevne	N/A	N/A	N/A	N/A	N/A	N/A
Test and Classification / Test og klassifikation	-	-	-	-	-	-
Notified body / notificeret organ	-	-	-	-	-	-
Test report, issue date / Test rapport, udgivelsesdato	-	-	-	-	-	-
4.11 Acoustic performance / Akustisk ydeevne	NPD	NPD	NPD	NPD	NPD	NPD
Test and Classification / Test og klassifikation						
Notified body / notificeret organ						
Test report, issue date / Test rapport, udgivelsesdato						
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	Thermal transmissionskoefficient (4.12) og strålingsegenskaber (4.13) for et specifikt produkt er angivet på tilbud/ordrebekræftelse i overensstemmelse med EN 14351-1:2006 + A1:2010, Tabel E.2, Note d.					
4.12 Thermal transmittance / Termisk transmissionskoefficient	0,84 (W/m2K)	0,81 (W/m2K)	0,84 (W/m2K)	0,81 (W/m2K)	0,61 (W/m2K)	0,59 (W/m2K)
Test and Classification / Test og klassifikation	EN ISO 10077-2:2003	EN ISO 10077-2:2003	EN ISO 10077-2:2003	EN ISO 10077-2:2003	EN ISO 10077-2:2003	EN ISO 10077-2:2003
Notified body / notificeret organ	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235
Test report, issue date / Test rapport, udgivelsesdato	0108/478300, 2012-05-30	0108/478300, 2012-05-30	0108/478300, 2012-05-30	0108/478300, 2012-05-30	0108/478300, 2012-05-30	0108/478300, 2012-05-30
4.13 Radiation properties / Strålingsegenskaber	g 0,51 LT 0,72	g 0,51 LT 0,72	g 0,51 LT 0,72	g 0,51 LT 0,72	-	-
4.14 Air permeability / Lufttæthed	NPD	NPD	NPD	NPD	NPD	NPD
Test and Classification / Test og klassifikation						
Notified body / notificeret organ						
Test report, issue date / Test rapport, udgivelsesdato						
4.16 Operating forces / Betjeningskraft	NPD	NPD	NPD	NPD	NPD	NPD
Test and Classification / Test og klassifikation						
Notified body / notificeret organ						
Test report, issue date / Test rapport, udgivelsesdato						
4.17 Mechanical strength / Mekanisk styrke	NPD	NPD	NPD	NPD	NPD	NPD
Test and Classification / Test og klassifikation						
Notified body / notificeret organ						
Test report, issue date / Test rapport, udgivelsesdato						
4.21 Resistance to repeated opening and closing / Modstandsevne for gentagen åbning og lukning	NPD	NPD	NPD	NPD	NPD	NPD
Test and Classification / Test og klassifikation						
Notified body / notificeret organ						
Test report, issue date / Test rapport, udgivelsesdato						