


<div><div>CE</div><div><div>rationel®</div><div>www.rationel.dk/DOP www.rationel.co.uk/DOP www.rationel.ie/DOP</div></div></div>	
Declaration of Performance / Ydeevnedeklaration DOMUS	
Date / Dato	Herning, 2013/07/01
Revision	DOP-A-2013/07/01
The performance of the facade windows and the facade doors in the product serie DOMUS are in conformity with the declared in following pages. This declaration of performance is issued under the sole responsibility of Rationel Vinduer A/S.	
Ydeevnen for facadevinduerne og facadedørene i produktserien DOMUS er i overensstemmelse med de deklarerede ydeevner i tabellerne på de følgende sider. Denne ydeevnedeklaration udstedes på eneansvar af Rationel Vinduer A/S.	
Signed on behalf of Rationel Vinduer A/S:	
Underskrevet på vegne af Rationel Vinduer A/S:	<div> Kurt Bering Sørensen CEO, Administrerende Direktør</div>
Harmonised technical specication Harmoniseret teknisk specifikation	EN 14351-1:2006 +A1:2010
Type of construction product Byggevaretype	facade windows and the facade doors facadevinduerne og facadedøre
Construction product identification Byggevareidentifikation	DOMUS
Intented use Byggevarens tilsigtede anvendelse	For domestic and commercial buildings Til boliger og erhvervsbygninger
Manufacturer Producent	Rationel Vinduer A/S
Manufacturer, adress Producent, adresse	Dalgas Allé 7, 7400 Herning, DK - 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
Notified Bodies / Notificerede organer	
Chiltern Dynamics, Chiltern House, Stocking Lane, Hughenden Valley, High Wycombe, HP14 4ND, United Kingdom	NB 1314
Teknologisk Institut, Teknologiparken, Kongsvang Allé 29, 8000 Århus C, Danmark	NB 1235
SP Sveriges Tekniska Forskningsinstitut AB Box 857 , 501 15 BORAS, Sweden	NB 0402
DELTA Venlighedsvej 4, 2970 Hørsholm, Danmark	NB 0199

Declaration of Performance / Ydeevnedeklaration DOMUS						DOP-A-2013/07/01
Element type	Fixed window	Topguided	Sidehung	Sideguided	Tilt and turn	Fully reversible
Opening direction	-	Outward	Outward	Outward	Inward opening	Outward
Element type	Fast vindue	Topstyret	Sidehængt	Sidestyret	Sidebundhængt	Vendevindue
Åbningsretning	-	Udadgående	Udadgående	Udadgående	Indadgående	Udadgående
4.2 Resistance to wind load / Modstandsevne overfor vindlast	1600Pa (4C)	1600Pa (4C)	NPD	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
Notified body / notificeret organ	NB 1235	NB 1235		NB 1235	NB 1235	NB 1235
Test report, issue date / Test rapport, udgivelsesdato	1003937/217929, 25/09/2007	1004850/217929, 25/09/2007		1063647/248223, 07/03/2008	1004857/217929	1014641/230954
4.4 Fire characteristics / Brandegenskaber	NPD	NPD	NPD	NPD	NPD	NPD
4.5 Watertightness / Vandtæthed	NPD	NPD	NPD	NPD	NPD	NPD
4.8 Load-bearing capacity of safety devices / Sikkerhedsudstyrs bæreevne	N/A	Passed (optional)	NPD	NPD	NPD	Passed
Test and Classification / Test og klassifikation		EN14609:2003				EN14609:2003
Notified body / notificeret organ		NB 1235				NB 1235
Test report, issue date / Test rapport, udgivelsesdato		Chilt/P09179/07/B, 12/07/2010				1067332/248223, 07/03/2008
4.11 Acoustic performance / Akustisk ydeevne	Rw (C;Ctr)	Rw (C;Ctr)	Rw (C;Ctr)	Rw (C;Ctr)	Rw (C;Ctr)	Rw (C;Ctr)
Test and Classification / Test og klassifikation	EN ISO 140-3:1995, EN ISO 717- :1996+A1:2006	EN ISO 140-3:1995, EN ISO 717- :1996+A1:2006	EN ISO 140-3:1995, EN ISO 717- :1996+A1:2006	EN ISO 140-3:1995, EN ISO 717- :1996+A1:2006	EN ISO 140-3:1995, EN ISO 717- :1996+A1:2006	EN ISO 140-3:1995, EN ISO 717- :1996+A1:2006
Notified body / notificeret organ	NB 0199	NB 0199	NB 0199	NB 0199	NB 0199	NB 0199
Test report, issue date / Test rapport, udgivelsesdato	AV 210/08, A580982, 26/10/2008	DANAK2643 to DANAK 2648, A580955, 26/10/2008	AV 209/08, A580982, 26/10/2008	AV 209/08, A580982, 26/10/2008	AV 209/08, A580982, 26/10/2008	AV 209/08, A580982, 26/10/2008
4-18-4 Clear/Energi WE w. argon	32 (-2;-6)	33 (-2;-6)	33 (-2;-6)	33 (-2;-6)	33 (-2;-6)	33 (-2;-6)
6-16-4 Clear/Energi WE w. argon	35 (-2;-6)	36 (-2;-6)	36 (-2;-6)	36 (-2;-6)	36 (-2;-6)	36 (-2;-6)
8-12-6 Clear/Energi WE w. argon	35 (-1;-3)	36 (-1;-3)	36 (-1;-3)	36 (-1;-3)	36 (-1;-3)	36 (-1;-3)
8-14-4 Clear/Energi WE w. argon	35 (-1;-5)	36 (-1;-5)	36 (-1;-5)	36 (-1;-5)	36 (-1;-5)	36 (-1;-5)
4-16-3/0,38/3 Clear/Laminated Energy WE w. argon	35 (-3;-7)	36 (-3;-7)	36 (-3;-7)	36 (-3;-7)	36 (-3;-7)	36 (-3;-7)
4/0,76/4-12-6 Laminated Sound/Clear WE w. argon	38 (-1;-5)	39 (-1;-5)	39 (-1;-5)	39 (-1;-5)	39 (-1;-5)	39 (-1;-5)
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	1,26 (W/m2K)	1,32 (W/m2K)	1,32 (W/m2K)	1,32 (W/m2K)	1,43 (W/m2K)	1,32 (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 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	422499 Rationel DOMUS 2-lags Udadgående R1-R2, 14/04/2011	422499 Rationel DOMUS 2-lags Udadgående R1-R2, 14/04/2011	422499 Rationel DOMUS 2-lags Udadgående R1-R2, 14/04/2011	422499 Rationel DOMUS 2-lags Udadgående R1-R2, 14/04/2011	422499 Rationel DOMUS 2-lags indadgående ITT, 28/04/2011	422499 Rationel DOMUS 2-lags Udadgående R1-R2, 14/04/2011
4.13 Radiation properties / Strålingsegenskaber	g 0,63 LT 0,80	g 0,63 LT 0,80	g 0,63 LT 0,80	g 0,63 LT 0,80	g 0,77 LT 0,82	g 0,63 LT 0,80
4.14 Air permeability / Lufttæthed	600Pa (4)	600Pa (4)		600Pa (4)	600Pa (4)	600Pa (3)
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
Notified body / notificeret organ	NB 1235	NB 1235		NB 1235	NB 1235	NB 1235
Test report, issue date / Test rapport, udgivelsesdato	1003937/217929, 25/09/2007	1004850/217929, 25/09/2007		1063647/248223, 07/03/2008	1004857/217929	1014641/230954
4.16 Operating forces / Betjeningskraft	N/A	Class 1	Class 1	Class 1	NPD	NPD
Test and Classification / Test og klassifikation		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		
Test report, issue date / Test rapport, udgivelsesdato		Chilt/P09179/06/B, 25/06/2010	Chilt/P09179/07/B, 12/07/2010	Chilt/P09179/10/B, 19/06/2010		
4.17 Mechanical strength / Mekanisk styrke	NPD	Class 3	Class 3	Class 3	NPD	NPD
Test and Classification / Test og klassifikation		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		
Test report, issue date / Test rapport, udgivelsesdato		Chilt/P09179/06/B, 25/06/2010	Chilt/P09179/07/B, 12/07/2010	Chilt/P09179/10/B, 19/06/2010		
4.18 Ventilation						
Test and Classification / Test og klassifikation	EN 13141-1:2004	EN 13141-1:2004	EN 13141-1:2004	EN 13141-1:2004	EN 13141-1:2004	EN 13141-1:2004
Notified body / notificeret organ	NB 0402	NB 0402	NB 0402	NB 0402	NB 0402	NB 0402
Test report, issue date / Test rapport, udgivelsesdato	ETK P703299, rev. 24/01/2008	ETK P703299, rev. 24/01/2008	ETK P703299, rev. 24/01/2008	ETK P703299, rev. 24/01/2008	ETK P703299, rev. 24/01/2008	ETK P703299, rev. 24/01/2008
Push vents positioned in jamb reveal / Ventil placeret i indvendig karmkant						
Egenskab for luftstrøm: K	1,7901	1,7901	1,7901	1,7901	1,7901	1,7901
LuftstrømsekspONENT: n	0,5169	0,5169	0,5169	0,5169	0,5169	0,5169
Air flow / luftstrøm @ 4 Pa [m3/h]	13,3	13,3	13,3	13,3	13,3	13,3
Air flow / luftstrøm @ 8 Pa [m3/h]	18,7 - 26,3	18,7 - 26,3	18,7 - 26,3	18,7 - 26,3	18,7 - 26,3	18,7 - 26,3
Air flow / luftstrøm @ 10 Pa [m3/h]	21,1 - 38,3	21,1 - 38,3	21,1 - 38,3	21,1 - 38,3	21,1 - 38,3	21,1 - 38,3
Air flow / luftstrøm @ 20 Pa [m3/h]	30,5 - 69,9	30,5 - 69,9	30,5 - 69,9	30,5 - 69,9	30,5 - 69,9	30,5 - 69,9
Push vent positioned in internal face / Ventil placeret i lysning						
Egenskab for luftstrøm: K	1,7821	1,7821	1,7821	1,7821	-	-
LuftstrømsekspONENT: n	0,5299	0,5299	0,5299	0,5299	-	-
Air flow / luftstrøm @ 4 Pa [m3/h]	13,3	13,3	13,3	13,3	-	-
Air flow / luftstrøm @ 8 Pa [m3/h]	19,5 - 27,2	19,5 - 27,2	19,5 - 27,2	19,5 - 27,2	-	-
Air flow / luftstrøm @ 10 Pa [m3/h]	22,1 - 32,1	22,1 - 32,1	22,1 - 32,1	22,1 - 32,1	-	-
Air flow / luftstrøm @ 20 Pa [m3/h]	31,7 - 72,1	31,7 - 72,1	31,7 - 72,1	31,7 - 72,1	-	-
4.21 Resistance to repeated opening and closing / Modstandsevne for gentagen åbning og lukning	N/A	10.000 Class 2	10.000 Class 2	10.000 Class 2		
Test and Classification / Test og klassifikation		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		
Test report, issue date / Test rapport, udgivelsesdato		Chilt/P09179/06/B, 25/06/2010	Chilt/P09179/07/B, 12/07/2010	Chilt/P09179/10/B, 19/06/2010		

Declaration of Performance / Ydeevnedeklaration DOMUS								
								DOP-A-2013/07/01
Element type	Terrace door	Terrace door	Entrance door	Entrance door	Panelled door	Panelled door	Tilt and turn door	Sliding door
Opening direction	Inward opening	Outward	Inward opening	Outward	Inward opening	Outward	Inward opening	-
Element type	Terrassedør	Terrassedør	Rammedør	Rammedør	Pladedør	Pladedør	Sidebundhængt dør	Skydedør
Åbningsretning	Indadgående	Udadgående	Indadgående	Udadgående	Indadgående	Udadgående	Indadgående	-
4.2 Resistance to wind load / Modstandsevne overfor vindlast	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	
Notified body / noticeret organ	NB 1235	NB 1235					NB 1235	
Test report, issue date / Test rapport, udgivelsesdato	1015458/230954, 01/11/2007	1015428/230954, 01/11/2007					1004857/217929	
4.4 Fire characteristics / Brandegenskaber	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.5 Watertightness / Vandtæthed	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
4.8 Load-bearing capacity of safety devices / Sikkerhedsudstyrs bæreevne	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Test and Classification / Test og klassifikation	-	-	-	-	-	-	-	-
Notified body / noticeret organ	-	-	-	-	-	-	-	-
Test report, issue date / Test rapport, udgivelsesdato	-	-	-	-	-	-	-	-
4.11 Acoustic performance / Akustisk ydeevne		Rw (C;Ctr)		Rw (C;Ctr)			Rw (C;Ctr)	
Test and Classification / Test og klassifikation		EN ISO 140-3:1995, EN ISO 717-1:1996+A1:2006		EN ISO 140-3:1995, EN ISO 717-1:1996+A1:2006			EN ISO 140-3:1995, EN ISO 717-1:1996+A1:2006	
Notified body / noticeret organ		NB 0199		NB 0199			NB 0199	
Test report, issue date / Test rapport, udgivelsesdato		DANAK 2679 to DANAK1681, A0581011, 13/01/2009 and AV133 to 135/09, A0581102		DANAK 2679 to DANAK1681, A0581011, 13/01/2009 and AV133 to 135/09, A0581102			AV 215/08, A580982, 26/10/2008	
4-18-4 Clear/Energi WE w. argon		34 (-2;-5)		34 (-2;-5)			33 (-2;-6)	
6-16-4 Clear/Energi WE w. argon		36 (-2;-5)		36 (-2;-5)			36 (-2;-6)	
8-12-6 Clear/Energi WE w. argon		36 (-2;-4)		36 (-2;-4)			36 (-1;-3)	
8-14-4 Clear/Energi WE w. argon		36 (-1;-4)		36 (-1;-4)			36 (-1;-5)	
4-16-3/0,38/3 Clear/Laminated Energy WE w. argon		36 (-3;-6)		36 (-3;-6)			36 (-3;-7)	
4/0,76/4-12-6 Laminated Sound/Clear WE w. argon		38 (-2;-4)		38 (-2;-4)			39 (-1;-5)	
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	1,52 (W/m2K)	1,39 (W/m2K)	1,52 (W/m2K)	1,39 (W/m2K)	0,76 (W/m2K)	0,76 (W/m2K)	1,43 (W/m2K)	1,40 (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 10077-2:2003	EN ISO 10077-2:2003
Notified body / noticeret organ		NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235	NB 1235
Test report, issue date / Test rapport, udgivelsesdato		422499 Rationel DOMUS 2-lags Udadgående R1-R2, 14/04/2011	1014749_231441 Beregningsrapport ITT, 22/10/2007	422499 Rationel DOMUS 2-lags Udadgående R1-R2, 14/04/2011	422499 Rationel DOMUS 2-lags Udadgående R1-R2, 14/04/2011	422499 Rationel DOMUS 2-lags Udadgående R1-R2, 14/04/2011	422499 Rationel DOMUS 2-lags indadgående ITT, 28/04/2011	422499 Rationel DOMUS 2-lags Udadgående R1-R2, 14/04/2011
4.13 Radiation properties / Strålingsegenskaber			g 0,63 LT 0,80	g 0,63 LT 0,80	-	-		g 0,63 LT 0,80
4.14 Air permeability / Lufttæthed	600Pa (4)	600Pa (4)	NPD	NPD	NPD	NPD	600Pa (4)	
Test and Classification / Test og klassifikation	EN1026:2000 EN12207:2000	EN1026:2000 EN12207:2000					EN1026:2000 EN12207:2000	
Notified body / noticeret organ	NB 1235	NB 1235					NB 1235	
Test report, issue date / Test rapport, udgivelsesdato	1015458/230954, 01/11/2007	1015428/230954, 01/11/2007					1004857/217929	
4.16 Operating forces / Betjeningskraft	NPD	NPD	NPD	NPD	NPD	NPD		
Test and Classification / Test og klassifikation								
Notified body / noticeret 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 / noticeret organ								
Test report, issue date / Test rapport, udgivelsesdato								
4.18 Ventilation								
Test and Classification / Test og klassifikation	-	EN 13141-1:2004	-	EN 13141-1:2004	-	EN 13141-1:2004	EN 13141-1:2004	EN 13141-1:2004
Notified body / noticeret organ	-	NB 0402	-	NB 0402	-	NB 0402	NB 0402	NB 0402
Test report, issue date / Test rapport, udgivelsesdato	-	ETK P703299, rev. 24/01/2008	-	ETK P703299, rev. 24/01/2008	-	ETK P703299, rev. 24/01/2008	ETK P703299, rev. 24/01/2008	ETK P703299, rev. 24/01/2008
Push vents positioned in jamb reveal / Ventil placeret i indvendig karmkant	-	-	-	-	-	-	-	-
Egenskab for luftstrøm: K	-	-	-	-	-	-	1,7901	-
Luftstrømseksponent: n	-	-	-	-	-	-	0,5169	-
Air flow / luftstrøm @ 4 Pa [m3/h]	-	-	-	-	-	-	13,3	-
Air flow / luftstrøm @ 8 Pa [m3/h]	-	-	-	-	-	-	18,7 - 26,3	-
Air flow / luftstrøm @ 10 Pa [m3/h]	-	-	-	-	-	-	21,1 - 38,3	-
Air flow / luftstrøm @ 20 Pa [m3/h]	-	-	-	-	-	-	30,5 - 69,9	-
Push vent positioned in internal face / Ventil placeret i lysning								
Egenskab for luftstrøm: K	-	1,7821	-	1,7821	-	1,7821	-	1,7901
Luftstrømseksponent: n	-	0,5299	-	0,5299	-	0,5299	-	0,5169
Air flow / luftstrøm @ 4 Pa [m3/h]	-	13,3	-	13,3	-	13,3	-	13,3
Air flow / luftstrøm @ 8 Pa [m3/h]	-	19,5 - 27,2	-	19,5 - 27,2	-	19,5 - 27,2	-	18,7 - 26,3
Air flow / luftstrøm @ 10 Pa [m3/h]	-	22,1 - 32,1	-	22,1 - 32,1	-	22,1 - 32,1	-	21,1 - 38,3
Air flow / luftstrøm @ 20 Pa [m3/h]	-	31,7 - 72,1	-	31,7 - 72,1	-	31,7 - 72,1	-	30,5 - 69,9
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 / noticeret organ								
Test report, issue date / Test rapport, udgivelsesdato								