

Declaration of Performance –

No: RLB-R / RLB-RG-0370-CPR-4061-20

Roof Louvre Blade – Residential / Residential Glass (RLB-R / RLB-RG)

Description	Details
1. Product Type: Unique identification code of the product-type	Roof Louvre Blade – Residential / Residential Glass (RLB-R / RLB-RG) Smoke & Heat Ventilator
2. Type: Batch or serial number or any other element allowing identification of the construction product as required under Article 11(4)	RLB-R / RLB-RG for Batch Number see Product labelling
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	Dual purpose ventilator, intended for comfort ventilation as well as smoke and heat exhaust ventilation under fire conditions
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5)	RLB-R / RLB-RG SERTUS Ltd Europa House, Alfold Road Cranleigh GU6 8NQ sales@sertus.uk
5. Contact Address: Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified on Article 12(2)	Not applicable
6. AVCP: System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V	AVCP System 1
7. Notified body (hEN): In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard	Notified Body No. 0370 LGA Technological Center SA (APPLUS) Campus UAB s/n – Ronda de la Font del Carme s/n E – 08193 Bellaterra, Barcelona, Spain
8. Notified body (ETA): In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:	Not applicable (see 7)



EN12101-2:2003

Roof Louvre Blade – Residential / Residential Glass (RLB-R / RLB-RG)

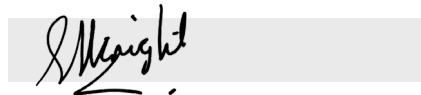
9. Declared performance

Essential Characteristics	Performance	Harmonised Standard
Reaction to Fire: Mill Finish Insulated Aluminium Polycarbonate – 16mm Polycarbonate – 25mm Toughened Glass	A1 E B, s1, d0 ³ B, s1, d0 ³ A1	EN 12101-2:2003, 7.5.2.1
Resistance to Heat	B300	EN 12101-2:2003 Annex G
Snow Load	SL 250, SL 500 SL 750, SL 1000 See tables 5–9	EN 12101-2:2003 Annex D–E
Wind Load	WL 1500	EN 12101-2:2003 Annex F
Low Ambient Temperature	T (-25)	EN 12101-2:2003 Annex D–E
Reliability	Re 1000	EN 12101-2:2003 Annex C
Aerodynamic Free Area	See table 3	EN 12101-2:2003 Annex H

10. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Steve Knight, Technical Director

Cranleigh, December 2020



EN12101-2:2003

Roof Louvre Blade – Residential / Residential Glass (RLB-R / RLB-RG)

Table 1: Cv – for upstand 350mm High (Coefficient of discharge) according to EN 12101-2

Length (mm)	746	966	1186	1406	1626	1846	2066	2286	2506	2726	2946	3166	3386	3606	3826
No. of Louvres	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Width (mm)															
300	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
400	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
500	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
600	0.61	0.61	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
700	0.63	0.63	0.63	0.63	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.65	0.65
800	0.63	0.63	0.63	0.63	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.65	0.65
900	0.63	0.63	0.63	0.63	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.65	0.65
1000	0.63	0.63	0.64	0.64	0.64	0.64	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
1100	0.63	0.63	0.64	0.64	0.64	0.64	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
1200	0.64	0.64	0.64	0.64	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.66	0.66
1300	0.64	0.64	0.64	0.64	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.66	0.66
1400	0.64	0.64	0.64	0.64	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.66	0.66
1500	0.64	0.64	0.64	0.65	0.65	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66
1600	0.64	0.64	0.64	0.65	0.65	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66
1700	0.64	0.64	0.64	0.65	0.65	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66
1800	0.64	0.64	0.65	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
1900	0.64	0.64	0.65	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
2000	0.64	0.64	0.65	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
2100	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
2200	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
2300	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
2400	0.64	0.64	0.65	0.65	0.65	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66



EN12101-2:2003

Roof Louvre Blade – Residential / Residential Glass (RLB-R / RLB-RG)

Table 2: A_v = length x width (Geometric Area of the Ventilator, m^2) according EN 12101-2

Length (mm)	746	966	1186	1406	1626	1846	2066	2286	2506	2726	2946	3166	3386	3606	3826
No. of Louvres	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Width (mm)															
300	0.22	0.29	0.36	0.42	0.49	0.55	0.62	0.69	0.75	0.82	0.88	0.95	1.02	1.08	1.15
400	0.30	0.39	0.47	0.56	0.65	0.74	0.83	0.91	1.00	1.09	1.18	1.27	1.35	1.44	1.53
500	0.37	0.48	0.59	0.70	0.81	0.92	1.03	1.14	1.25	1.36	1.47	1.58	1.69	1.80	1.91
600	0.45	0.58	0.71	0.84	0.98	1.11	1.24	1.37	1.50	1.64	1.77	1.90	2.03	2.16	2.30
700	0.52	0.68	0.83	0.98	1.14	1.29	1.45	1.60	1.75	1.91	2.06	2.22	2.37	2.52	2.68
800	0.60	0.77	0.95	1.12	1.30	1.48	1.65	1.83	2.00	2.18	2.36	2.53	2.71	2.88	3.06
900	0.67	0.87	1.07	1.27	1.46	1.66	1.86	2.06	2.26	2.45	2.65	2.85	3.05	3.25	3.44
1000	0.75	0.97	1.19	1.41	1.63	1.85	2.07	2.29	2.51	2.73	2.95	3.17	3.39	3.61	3.83
1100	0.82	1.06	1.30	1.55	1.79	2.03	2.27	2.51	2.76	3.00	3.24	3.48	3.72	3.97	4.21
1200	0.90	1.16	1.42	1.69	1.95	2.22	2.48	2.74	3.01	3.27	3.54	3.80	4.06	4.33	4.59
1300	0.97	1.26	1.54	1.83	2.11	2.40	2.69	2.97	3.26	3.54	3.83	4.12	4.40	4.69	4.97
1400	1.04	1.35	1.66	1.97	2.28	2.58	2.89	3.20	3.51	3.82	4.12	4.43	4.74	5.05	5.36
1500	1.12	1.45	1.78	2.11	2.44	2.77	3.10	3.43	3.76	4.09	4.42	4.75	5.08	5.41	5.74
1600	1.19	1.55	1.90	2.25	2.60	2.95	3.31	3.66	4.01	4.36	4.71	5.07	5.42	5.77	6.12
1700	1.27	1.64	2.02	2.39	2.76	3.14	3.51	3.89	4.26	4.63	5.01	5.38	5.76	6.13	6.50
1800	1.34	1.74	2.13	2.53	2.93	3.32	3.72	4.11	4.51	4.91	5.30	5.70	6.09	6.49	6.89
1900	1.42	1.84	2.25	2.67	3.09	3.51	3.93	4.34	4.76	5.18	5.60	6.02	6.43	6.85	7.27
2000	1.49	1.93	2.37	2.81	3.25	3.69	4.13	4.57	5.01	5.45	5.89	6.33	6.77	7.21	7.65
2100	1.57	2.03	2.49	2.95	3.41	3.88	4.34	4.80	5.26	5.72	6.19	6.65	7.11	7.57	8.03
2200	1.64	2.13	2.61	3.09	3.58	4.06	4.55	5.03	5.51	6.00	6.48	6.97	7.45	7.93	8.42
2300	1.72	2.22	2.73	3.23	3.74	4.25	4.75	5.26	5.76	6.27	6.78	7.28	7.79	8.29	8.80
2400	1.79	2.32	2.85	3.37	3.90	4.43	4.96	5.49	6.01	6.54	7.07	7.60	8.13	8.65	9.18



EN12101-2:2003

Roof Louvre Blade – Residential / Residential Glass (RLB-R / RLB-RG)

Table 3: Aa (Av x Cv, Aerodynamic Free Area, m²) according to EN 12101-2

Length (mm)	746	966	1186	1406	1626	1846	2066	2286	2506	2726	2946	3166	3386	3606	3826
No. of Louvres	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Width (mm)															
300	0.14	0.18	0.22	0.26	0.30	0.34	0.39	0.43	0.47	0.52	0.56	0.60	0.64	0.68	0.72
400	0.18	0.24	0.29	0.35	0.40	0.46	0.52	0.58	0.63	0.69	0.74	0.80	0.85	0.91	0.96
500	0.23	0.29	0.37	0.44	0.50	0.57	0.65	0.72	0.79	0.86	0.93	1.00	1.07	1.14	1.21
600	0.27	0.35	0.44	0.52	0.60	0.69	0.78	0.86	0.95	1.03	1.11	1.20	1.28	1.36	1.45
700	0.33	0.43	0.52	0.62	0.73	0.83	0.93	1.02	1.12	1.22	1.32	1.42	1.54	1.64	1.74
800	0.38	0.49	0.60	0.71	0.83	0.95	1.06	1.17	1.28	1.40	1.51	1.62	1.76	1.88	1.99
900	0.42	0.55	0.67	0.80	0.94	1.06	1.19	1.32	1.44	1.57	1.70	1.82	1.98	2.11	2.24
1000	0.47	0.61	0.76	0.90	1.04	1.18	1.34	1.49	1.63	1.77	1.91	2.06	2.20	2.34	2.49
1100	0.52	0.67	0.83	0.99	1.14	1.30	1.48	1.63	1.79	1.95	2.11	2.26	2.42	2.58	2.74
1200	0.57	0.74	0.91	1.08	1.27	1.44	1.61	1.78	1.95	2.13	2.30	2.47	2.68	2.86	3.03
1300	0.62	0.80	0.99	1.17	1.37	1.56	1.75	1.93	2.12	2.30	2.49	2.68	2.91	3.09	3.28
1400	0.67	0.87	1.06	1.26	1.48	1.68	1.88	2.08	2.28	2.48	2.68	2.88	3.13	3.33	3.54
1500	0.72	0.93	1.14	1.37	1.59	1.80	2.01	2.23	2.48	2.70	2.92	3.13	3.35	3.57	3.79
1600	0.76	0.99	1.21	1.46	1.69	1.92	2.15	2.38	2.65	2.88	3.11	3.34	3.58	3.81	4.04
1700	0.81	1.05	1.29	1.55	1.80	2.04	2.28	2.53	2.81	3.06	3.31	3.55	3.80	4.05	4.29
1800	0.86	1.11	1.39	1.65	1.90	2.16	2.45	2.72	2.98	3.24	3.50	3.76	4.02	4.28	4.55
1900	0.91	1.17	1.46	1.74	2.01	2.28	2.59	2.87	3.14	3.42	3.69	3.97	4.25	4.52	4.80
2000	0.95	1.24	1.54	1.83	2.11	2.40	2.73	3.02	3.31	3.60	3.89	4.18	4.47	4.76	5.05
2100	1.00	1.30	1.62	1.92	2.22	2.56	2.86	3.17	3.47	3.78	4.08	4.39	4.69	5.00	5.30
2200	1.05	1.36	1.70	2.01	2.33	2.68	3.00	3.32	3.64	3.96	4.28	4.60	4.92	5.24	5.56
2300	1.10	1.42	1.77	2.10	2.43	2.80	3.14	3.47	3.80	4.14	4.47	4.81	5.14	5.47	5.81
2400	1.15	1.48	1.85	2.19	2.54	2.92	3.27	3.62	3.97	4.32	4.67	5.01	5.36	5.71	6.06



EN12101-2:2003

Roof Louvre Blade – Residential / Residential Glass (RLB-R / RLB-RG)

Table 4: Free Area (m²) according to EN 12101-2

Length (mm)	746	966	1186	1406	1626	1846	2066	2286	2506	2726	2946	3166	3386	3606	3826
No. of Louvres	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Width (mm)															
300	0.15	0.20	0.25	0.29	0.34	0.39	0.44	0.49	0.54	0.58	0.63	0.68	0.73	0.78	0.73
400	0.20	0.27	0.34	0.41	0.47	0.54	0.61	0.68	0.74	0.81	0.88	0.95	1.01	1.08	1.15
500	0.26	0.35	0.43	0.52	0.61	0.69	0.78	0.87	0.93	1.04	1.13	1.21	1.30	1.39	1.47
600	0.31	0.42	0.53	0.63	0.74	0.84	0.95	1.06	1.16	1.27	1.37	1.48	1.59	1.69	1.80
700	0.37	0.49	0.62	0.74	0.87	0.99	1.12	1.24	1.37	1.49	1.62	1.75	1.87	2.00	2.12
800	0.42	0.57	0.71	0.86	1.00	1.14	1.29	1.43	1.58	1.72	1.87	2.01	2.16	2.30	2.44
900	0.48	0.64	0.81	0.97	1.13	1.30	1.49	1.62	1.79	1.95	2.11	2.28	2.44	2.60	2.77
1000	0.53	0.72	0.90	1.08	1.26	1.45	1.63	1.81	1.99	2.18	2.36	2.54	2.73	2.91	3.09
1100	0.59	0.79	0.99	1.19	1.40	1.60	1.80	2.00	2.20	2.41	2.61	2.81	3.01	3.21	3.41
1200	0.64	0.86	1.08	1.31	1.53	1.75	1.97	2.19	2.41	2.63	2.85	3.08	3.30	3.52	3.74
1300	0.70	0.94	1.18	1.42	1.66	1.90	2.14	2.38	2.62	2.86	3.10	3.34	3.58	3.82	4.06
1400	0.75	1.01	1.27	1.53	1.79	2.05	2.31	2.57	2.83	3.09	3.35	3.61	3.87	4.13	4.39
1500	0.81	1.09	1.36	1.64	1.92	2.20	2.48	2.76	3.04	3.32	3.59	3.87	4.15	4.43	4.71
1600	0.86	1.16	1.46	1.76	2.05	2.35	2.65	2.95	3.25	3.54	3.84	4.14	4.44	4.73	5.03
1700	0.92	1.23	1.55	1.87	2.18	2.50	2.82	3.14	3.45	3.77	4.09	4.41	4.72	5.04	5.36
1800	0.97	1.31	1.64	1.98	2.32	2.65	2.99	3.33	3.66	4.00	4.33	4.67	5.01	5.34	5.68
1900	1.03	1.38	1.74	2.09	2.45	2.80	3.16	3.51	3.87	4.23	4.58	4.94	5.29	5.65	6.00
2000	1.08	1.46	1.83	2.20	2.58	2.95	3.33	3.70	4.08	4.45	4.83	5.20	5.58	5.95	6.33
2100	1.14	1.53	1.92	2.32	2.71	3.11	3.50	3.89	4.29	4.68	5.08	5.47	5.86	6.26	6.65
2200	1.19	1.60	2.02	2.43	2.84	3.26	3.67	4.08	4.50	4.91	5.32	5.74	6.15	6.56	6.97
2300	1.25	1.68	2.11	2.54	2.97	3.41	3.84	4.27	4.70	5.14	5.57	6.00	6.43	6.87	7.30
2400	1.30	1.75	2.20	2.65	3.11	3.56	4.01	4.46	4.91	5.36	5.82	6.27	6.72	7.17	7.62



EN12101-2:2003

Roof Louvre Blade – Residential / Residential Glass (RLB-R / RLB-RG)

Table 5: Snow Load with Glass Louvres – 1 Electric Actuator according to EN 12101-2

Length (mm)	746	966	1186	1406	1626	1846	2066	2286	2506	2726	2946	3166	3386	3606	3826
No. of Louvres	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Width (mm)															
300	250	250	250	250	250	250	250	250	250	250	250	250	250		
400	250	250	250	250	250	250	250	250	250	250	250	250	250		
500	250	250	250	250	250	250	250	250	250	250	250	250	250		
600	250	250	250	250	250	250	250	250	250	250	250	250	250		
700	250	250	250	250	250	250	250	250	250	250	250	250	250		
800	250	250	250	250	250	250	250	250	250	250	250	250	250		
900	250	250	250	250	250	250	250	250	250	250	250	250	250		
1000	250	250	250	250	250	250	250	250	250	250	250	250	250		
1100	250	250	250	250	250	250	250	250	250	250	250	250	250		
1200	250	250	250	250	250	250	250	250	250	250	250				
1300	250	250	250	250	250	250	250	250	250						
1400	250	250	250	250	250	250	250	250	250						
1500	250	250	250	250	250	250	250	250	250						
1600	250	250	250	250	250	250	250	250	250						
1700	250	250	250	250	250	250	250	250	250						
1800															
1900															
2000															
2100															
2200															
2300															
2400															



EN12101-2:2003

Roof Louvre Blade – Residential / Residential Glass (RLB-R / RLB-RG)

Table 6: Snow Load with Aluminium Louvres – 1 Electric Actuator according to EN 12101-2

Length (mm)	746	966	1186	1406	1626	1846	2066	2286	2506	2726	2946	3166	3386	3606	3826
No. of Louvres	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Width (mm)															
300	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
400	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
500	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
600	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
700	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
800	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
900	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
1000	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
1100	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
1200	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
1300	250	250	250	250	250	250	250	250	250	250	250	250	250		
1400	250	250	250	250	250	250	250	250	250	250	250	250			
1500	250	250	250	250	250	250	250	250	250	250	250				
1600	250	250	250	250	250	250	250	250	250	250					
1700	250	250	250	250	250	250	250	250	250						
1800	250	250	250	250	250	250	250	250							
1900	250	250	250	250	250	250	250	250							
2000	250	250	250	250	250	250	250								
2100	250	250	250	250	250	250	250								
2200	250	250	250	250	250	250									
2300	250	250	250	250	250	250									
2400	250	250	250	250	250	250									



EN12101-2:2003

Roof Louvre Blade – Residential / Residential Glass (RLB-R / RLB-RG)

**Table 7: Snow Load with PC16, PC25 or Aluminium Insulated Louvres – 1 Electric Actuator
according to EN 12101-2**

Length (mm)	746	966	1186	1406	1626	1846	2066	2286	2506	2726	2946	3166	3386	3606	3826
No. of Louvres	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Width (mm)															
300	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
400	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
500	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
600	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
700	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
800	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
900	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
1000	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
1100	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
1200	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
1300	250	250	250	250	250	250	250	250	250	250	250	250	250		
1400	250	250	250	250	250	250	250	250	250	250	250				
1500	250	250	250	250	250	250	250	250	250	250					
1600	250	250	250	250	250	250	250	250	250	250					
1700	250	250	250	250	250	250	250	250	250						
1800	250	250	250	250	250	250	250	250							
1900	250	250	250	250	250	250	250	250							
2000	250	250	250	250	250	250	250								
2100	250	250	250	250	250	250	250								
2200	250	250	250	250	250	250									
2300	250	250	250	250	250	250									
2400	250	250	250	250	250										



EN12101-2:2003

Roof Louvre Blade – Residential / Residential Glass (RLB-R / RLB-RG)

Table 8: Snow Load with Glass Louvres – 2 Electric Actuators according to EN 12101-2

Length (mm)	746	966	1186	1406	1626	1846	2066	2286	2506	2726	2946	3166	3386	3606	3826
No. of Louvres	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Width (mm)															
300	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
400	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
600	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
700	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
800	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
900	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
1100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
1200	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000				
1300	1000	1000	1000	1000	1000	1000	1000	1000	1000						
1400	1000	1000	1000	1000	1000	1000	1000	1000	1000						
1500	1000	1000	1000	1000	1000	1000	1000	1000	1000						
1600	1000	1000	1000	1000	1000	1000	1000	1000	1000						
1700	1000	1000	1000	1000	1000	1000	1000	1000	1000						
1800															
1900															
2000															
2100															
2200															
2300															
2400															



EN12101-2:2003

Roof Louvre Blade – Residential / Residential Glass (RLB-R / RLB-RG)

Table 9: Snow Load with PC16, PC25, Aluminium Insulated or Aluminium Louvres – 2 Electric Actuators according to EN 12101-2

Length (mm)	746	966	1186	1406	1626	1846	2066	2286	2506	2726	2946	3166	3386	3606	3826
No. of Louvres	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Width (mm)															
300	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
400	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
600	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
700	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
800	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
900	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1200	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	500	500
1300	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	500	500	500
1400	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	500	500	500	500
1500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	500	500	500	500	500
1600	1000	1000	1000	1000	1000	1000	1000	1000	1000	500	500	500	500	500	500
1700	1000	1000	1000	1000	1000	1000	1000	1000	1000	500	500	500	500	500	250
1800	1000	1000	1000	1000	1000	1000	1000	1000	500	500	500	500	500	250	250
1900	1000	1000	1000	1000	1000	1000	1000	500	500	500	500	500	250	250	250
2000	1000	1000	1000	1000	1000	1000	1000	500	500	500	500	500	250	250	250
2100	1000	1000	1000	1000	1000	1000	500	500	500	500	500	250	250	250	250
2200	1000	1000	1000	1000	1000	1000	500	500	500	500	250	250	250	250	250
2300	1000	1000	1000	1000	1000	1000	500	500	500	500	250	250	250	250	250
2400	1000	1000	1000	1000	1000	500	500	500	500	250	250	250	250	250	250



EN12101-2:2003