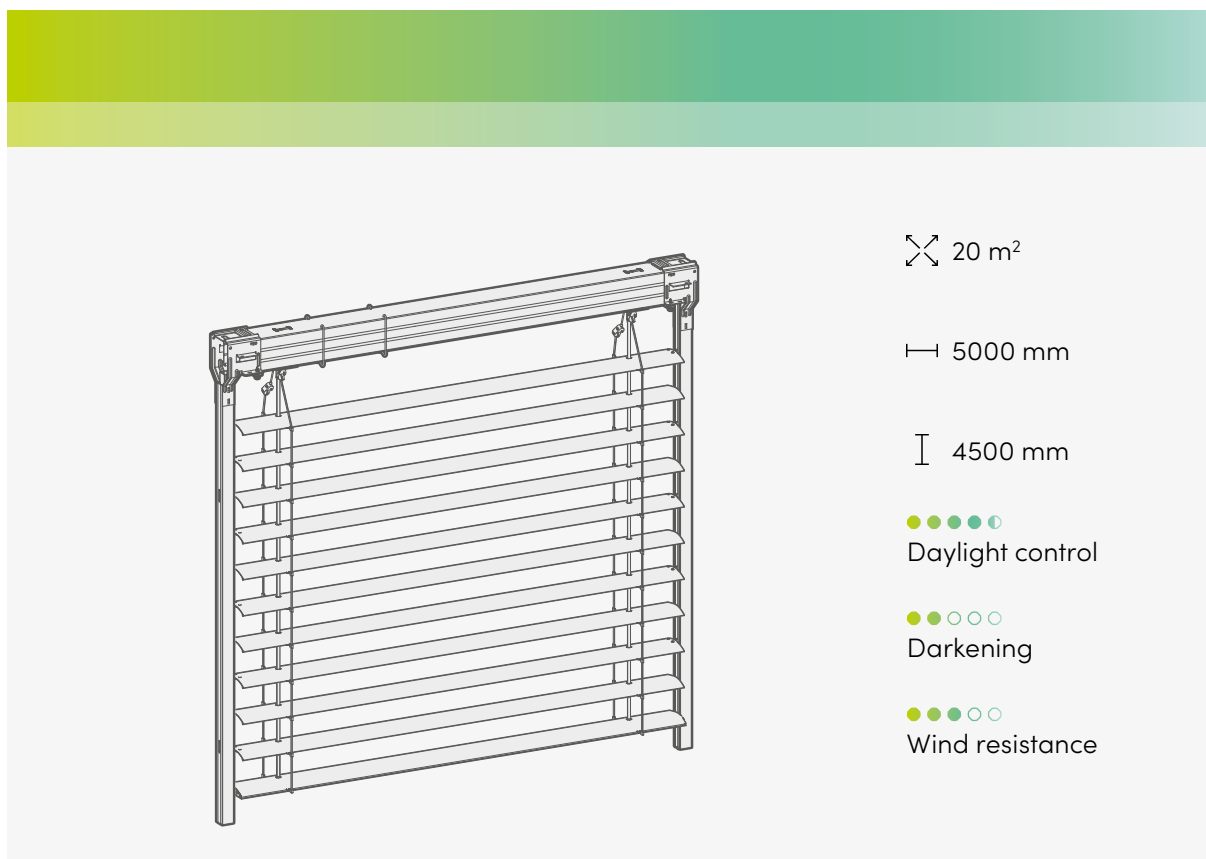
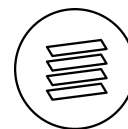


Technical data sheet

Aluflex[®]



Newest external venetian blind

Aluflex is the latest of the venetian blinds' range and has been designed with the thinnest slats in the range.

Good flexibility

The thin slats allow maximum view to the outside and greater impact resistance thanks to raised flexibility.

Smallest niche

These slats reduce the size of the blade pack, allowing the product to be installed in a low niche.

Dimension

Maximum sizes by drive – Single blind

Drive	Width (bk)		Height (hl)		Surface ² [m ²]
	min.	max. ¹	min.	max. ¹	max.
Motor drive ³	625	4500 ⁵ 5000 ⁶	550	4500	20
Bearing ⁴	550 ²				11

¹ For buildings exposed to strong winds and high-rise buildings, this maximum value must be reduced on a case-by-case basis.

² If crank drive in the slat area: on request.

³ With maximum 4 coupled blinds maximum width of the system 10 m and maximum area 24 m². Motor position in the middle if possible.

⁴ With maximum 4 coupled blinds maximum width 10 m and maximum area 11 m². Maximum 2 blinds per side of the gear unit.

⁵ Aluflex[®] guide rails

⁶ Aluflex[®] cable guide

Minimum niche depth

	Aluflex I 60	Aluflex I 80
Depth of niche* (tn)	min. 100	min. 120
A*/B	min. 50	min. 60

* + possible addition for protruding weatherboard or doorknobs.

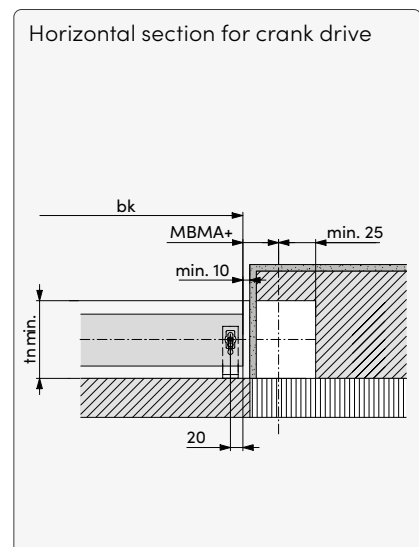
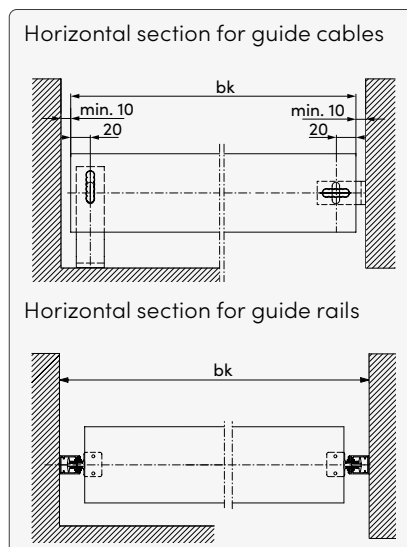
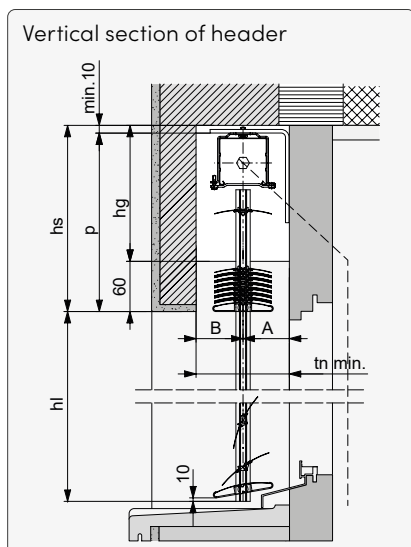
Minimum niche height

Aluflex I 60				Aluflex I 80			
(hl)	(hs)**	(hl)	(hs)**	(hl)	(hs)**	(hl)	(hs)**
550–1000	175	2751–3000	265	550–1000	160	2751–3000	215
1001–1250	190	3001–3250	275	1001–1250	165	3001–3250	220
1251–1500	200	3251–3500	285	1251–1500	170	3251–3500	225
1501–1750	210	3501–3750	300	1501–1750	180	3501–3750	235
1751–2000	220	3751–4000	310	1751–2000	185	3751–4000	240
2001–2250	235	4001–4250	320	2001–2250	195	4001–4250	250
2251–2500	240	4251–4500	330	2251–2500	200	4251–4500	255
2501–2750	255			2501–2750	210		

Niche dimensions are approximate values. They may deviate into the minus or plus range for technical reasons.

** If surface area > 12 m² or bk > 4000, the end rail type 20 (reinforced) is required. Then hs = hs + 10.

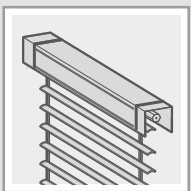
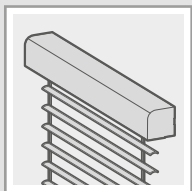
Technology in detail



hg Height of gearbox recess MBMA Dimension to drive centre
Further technical details in the short manual on www.griessergroup.com

Product variants

Installation situation

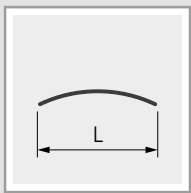
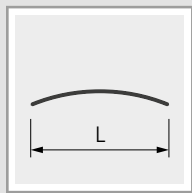
		
	Standard	Box
Mounting location		
in lintel niche	■	-
under lintel	■ ¹	-
on facade	(■) ¹	■
Types of guides		
Self-supporting	■	-
Conventional	■ ²	■ ²
Cable	■ ³	■ ³

¹ Version with cover

² One additional cable suited to wind load must be fitted for a bk > 2500 mm or in locations which are exposed to high wind. Two middle cables suited to wind load must be fitted for a bk > 3800 mm.

² One additional cable suited to wind load must be fitted for a bk > 3000 mm or in locations which are exposed to high wind. Two middle cables suited to wind load must be fitted for a bk > 4400 mm.

Slats

		
	Aluflex I 60	Aluflex I 80
Slat width (L)	58.8	79.1

Options

Operating position

With the optional working position, darkening of the room can be avoided when the product is lowered.

Operation

Drive (Motor or crank)	Without radio	Radio simple	Radio bidirectional	Crank drive
Somfy	■	«RTS»	«IO»	-
Elero	■	-	«Bi-line»	-
Crank	-	-	-	■

Automation

Smart Home		Smart Building	
Griesser BiLine	KNX	KNX	gBUS

Compatible with other control systems: On request.

■ possible - not possible



Colours

Over 150 colours are available to help you find the perfect match for a facade. The colour is composed of the shade, the degree of brilliance and the structure. In the standard, the surface is smooth, and the degree of brilliance is silky.

Griesser-
Colours



BiColor

Enjoy a unique home interior by choosing a different colour on the outside.

Operating Instructions Aluflex



Wind classes External venetian blinds

Wind classes		External venetian blinds	
Wind class	Wind speed (m/s)	Wind class	Wind speed (m/s)
1	0,5	1	0,5
2	1,0	2	1,0
3	1,5	3	1,5
4	2,0	4	2,0
5	2,5	5	2,5
6	3,0	6	3,0
7	3,5	7	3,5
8	4,0	8	4,0
9	4,5	9	4,5
10	5,0	10	5,0
11	5,5	11	5,5
12	6,0	12	6,0
13	6,5	13	6,5
14	7,0	14	7,0
15	7,5	15	7,5
16	8,0	16	8,0
17	8,5	17	8,5
18	9,0	18	9,0
19	9,5	19	9,5
20	10,0	20	10,0
21	10,5	21	10,5
22	11,0	22	11,0
23	11,5	23	11,5
24	12,0	24	12,0
25	12,5	25	12,5
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27	13,5	27	13,5
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29	14,5	29	14,5
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31	15,5	31	15,5
32	16,0	32	16,0
33	16,5	33	16,5
34	17,0	34	17,0
35	17,5	35	17,5
36	18,0	36	18,0
37	18,5	37	18,5
38	19,0	38	19,0
39	19,5	39	19,5
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41	20,5	41	20,5
42	21,0	42	21,0
43	21,5	43	21,5
44	22,0	44	22,0
45	22,5	45	22,5
46	23,0	46	23,0
47	23,5	47	23,5
48	24,0	48	24,0
49	24,5	49	24,5
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83	41,5	83	41,5
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91	45,5	91	45,5
92	46,0	92	46,0
93	46,5	93	46,5
94	47,0	94	47,0
95	47,5	95	47,5
96	48,0	96	48,0
97	48,5	97	48,5
98	49,0	98	49,0
99	49,5	99	49,5
100	50,0	100	50,0

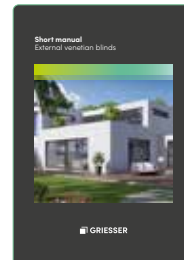


Total energy transmittance

Technical data sheet	
Product name	External venetian blinds
Product code	
Material	Aluminum
Color	
Surface finish	
Dimensions	
Weight	
Installation	
Maintenance	
Warranty	
Notes	



Short manual External venetian blinds



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