



AF-800 and AF-500

Venetian blinds

Flexible.



Flexible sun and weather protection

AF-800 and AF-500 Venetian blinds with flat slats

AF-800 and AF-500 venetian blinds with 80 mm- or 50 mm-wide flat slats impress with their minimal heights of package and recess, allowing floor-to-ceiling windows and thus plenty of light. The flat, flexible slats ensure good visibility through the blind and offer increased resistance to deformation.

Both models are available with rail guidance and alternating guided slats or with cable guidance.

Textured coating

For AF-800 and AF-830 only:
The innovative textured coating used for the slats demonstrates significantly better colour retention and weather resistance than the conventional smooth coating. Dirt adhesion is substantially reduced and the slats are easy to clean.

Daylight use

For AF-800 and AF-830 only:
The blind can be split into two or three sections with different slat inclines. Open slats in the upper section enable daylight to penetrate into the depths of the room, while closed slats in the lower section serve as glare protection for the window.

Range of colours

Choose from diverse standard colours, including a range of IGP and metallic colours. You can also choose from more than a thousand RAL, NCS and IGP colours.

Automated convenience

Venetian blinds can be fitted with electric drives for greater ease of operation. In conjunction with the corresponding controller, this meets the Minergie standard.

Excellent materials

Metal guide bolts, flanged holes for 8 mm- or 6 mm-wide [AF-500] lift tapes, Kevlar-reinforced turning cords, cable guidance made from coated chrome steel, and slats with textured coating all ensure that the blinds will last for a long time.

Cable guidance

The slats can either be guided on one side [e.g. for corner windows] or on both sides by filigree chrome steel cables [AF-830 and AF-530 models].



Self-supporting system

The self-supporting blind system with no mounting in the recess area preserves insulation, reduces noise transmission, and prevents thermal bridges [Minergie standard]. A central attachment or a reinforcement profile is required for the head rail from widths of 2500 mm and above.



Holes

The flanged holes on the AC-800 prevent the 8 mm-wide lift tapes from fraying [AF-500 with 6 mm-wide filigree lift tapes]. Not using delicate plastic lugs avoids the need for premature repairs. The use of striker holes means that each slat is attached to the ladder cord in several places.



Minimal package height

Minimal package heights and recess heights allow for floor-to-ceiling windows and thus plenty of light. This is also an ideal solution for mounting positions with little space for sun protection.



Rail guidance

The slats are guided by metal guide bolts on side rails, alternating left and right.

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Cable guidance

The slats can either be guided on one side or on both sides with 3 mm-thick, PA-coated cables.

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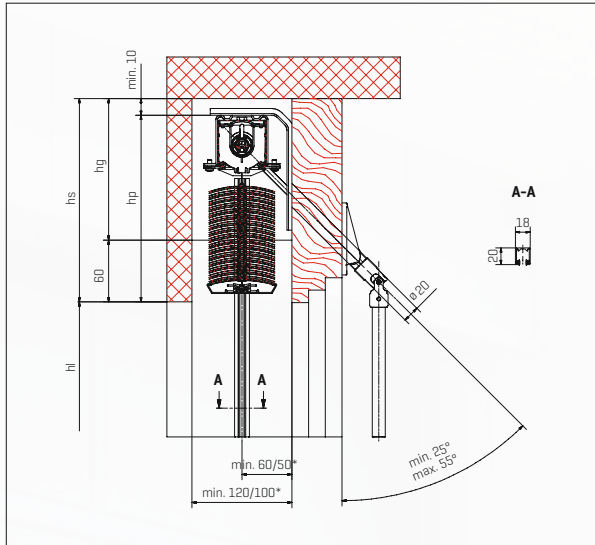


Metal guide bolts

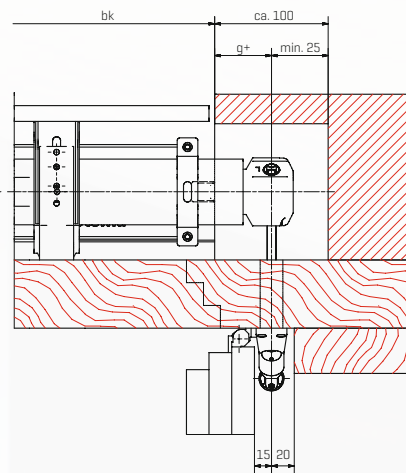
Metal guide bolts ensure durability and resistance to breakage.

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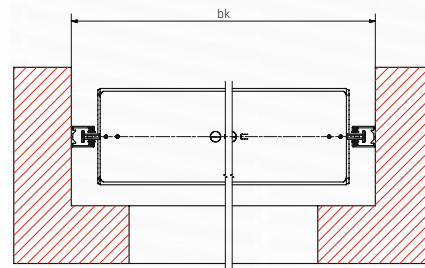
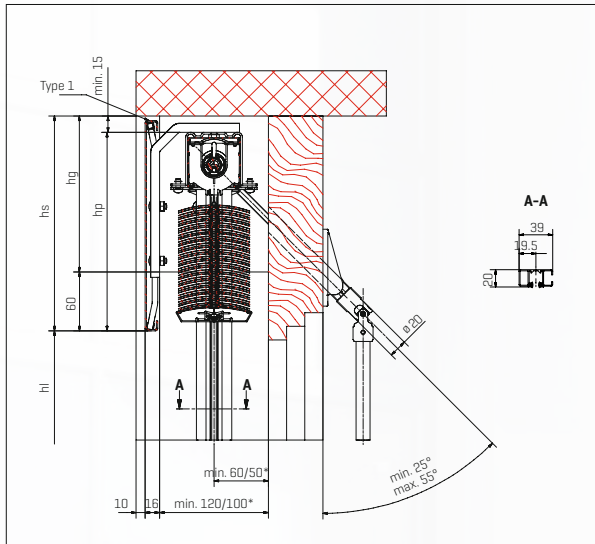
Installation on embrasure in recess and rail guide



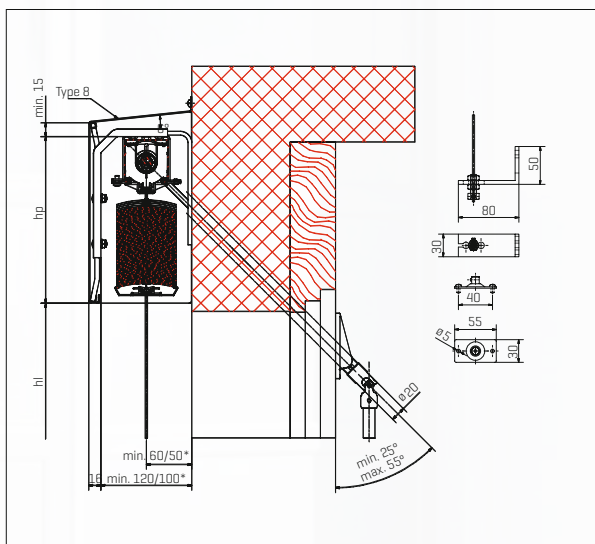
Recess for gear box



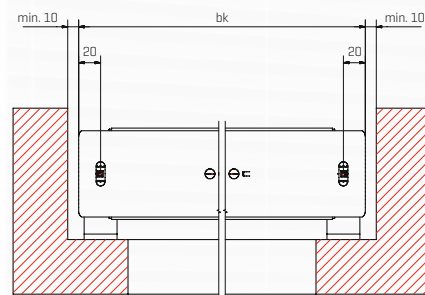
Self-supporting installation with cover panel type 1 and rail guide Width of installation with rail guide



Installation on facade with cover panel type 8 and cable guide

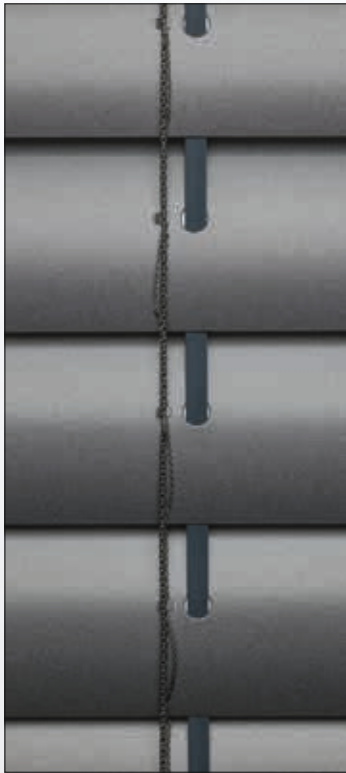


Width of installation with cable guide



- bk** construction width
 - hk** construction height
 - hl** height of opening
 - hp** height of package
 - hs** height of recess
 - hg** height of recess for gear box
 - g+** position of gear/crank handle
 - *** plus protruding door handles and weather boards etc.
- All dimensions in mm**

Height of opening [hl]	Height of recess [hs] AF-800	Height of recess [hs] AF-830	Height of recess [hs] AF-500	Height of recess [hs] AF-530
to 1750 mm	145 mm	130 mm	130 mm	120 mm
1751 to 2000 mm	150 mm	135 mm	140 mm	130 mm
2001 to 2250 mm	155 mm	140 mm	150 mm	140 mm
2251 to 2500 mm	165 mm	150 mm	155 mm	145 mm
2501 to 2750 mm	170 mm	155 mm	160 mm	150 mm
2751 to 3000 mm	180 mm	160 mm	170 mm	160 mm
3001 to 3250 mm	185 mm	165 mm	175 mm	165 mm
3251 to 3500 mm	195 mm	170 mm	180 mm	170 mm
3501 to 3750 mm	200 mm	175 mm	190 mm	180 mm
3751 to 4000 mm	210 mm	185 mm	200 mm	185 mm
4001 to 4250 mm	215 mm	190 mm	205 mm	190 mm
with cover panel	+ 20 mm	+ 20 mm	+ 20 mm	+ 20 mm
minimum	400 mm	400 mm	400 mm	400 mm
maximum	4250 mm	4250 mm	4250 mm	4250 mm
max. without warranty	5500 mm	5500 mm	5500 mm	5500 mm
Construction width [bk]				
min. with crank drive	345 mm	315 mm	345 mm	315 mm
min. with electric drive	480 mm	450 mm	480 mm	450 mm
maximum	4000 mm	4000 mm	4000 mm	4000 mm
max. without warranty	6000 mm	6000 mm	5000 mm	5000 mm
Area [bk x hk]				
Single blinds				
max. with crank drive	6 m ²	6 m ²	6 m ²	6 m ²
max. with motor drive	10 m ²	10 m ²	8 m ²	8 m ²
coupled system				
max. with crank drive	6 m ²	6 m ²	6 m ²	6 m ²
max. with electric drive	24 m ²	24 m ²	24 m ²	24 m ²
max. coupled blinds	3 Stück	3 pieces	3 pieces	3 pieces
Recess depth [ts]				
minimum	120 mm	120 mm	100 mm	100 mm
Wind resistance class				
bk < 1500 mm	class 5	class 5	class 4	class 4
bk < 2000 mm	class 4	class 4	class 3	class 3
bk < 2500 mm	class 3	class 4	class 2	class 3
bk < 3000 mm	class 3	class 4	class 2	class 3
bk < 3500 mm	class 2	class 3	class 1	class 2
bk < 4000 mm	class 2	class 3	class 1	class 2



Lowering

In the standard model, the slats are lowered in the closed position.

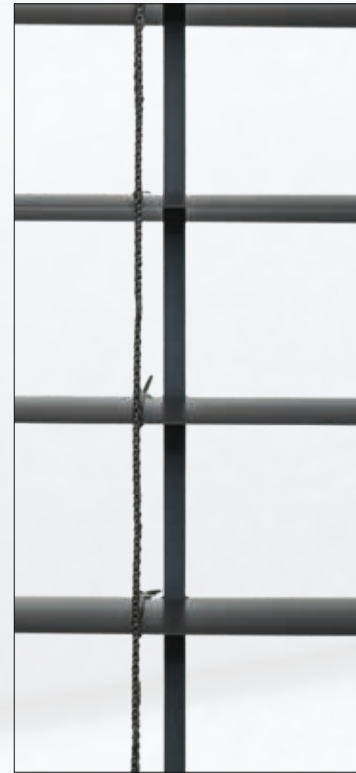
In the business model, the slats are lowered in an angled anti-glare position [approx. 40°]. The slats can be adjusted and closed at any height in both models.



End position

In the standard model, the slats are lowered in the end position. A short upward movement can be used to open them to the horizontal position.

In the business model, the slats are lowered in the angled end position [approx. 40°]. A brief upward movement closes them. A longer upward movement can be used to open them to the horizontal position.



Raising

In both models, the blind is raised with the slats in the horizontal position. This allows the maximum amount of light to penetrate and ensures a gentle sliding motion for the lift tape.

Development

Storenmaterial AG
www.stoma.ch



AF800.AF500.EN:2024

Sales

