

DATA SHEET

Main properties



Resistance to wind load
Class 2



Thermal insulation
3.9 W/(m²K)



Water tightness
Class 0

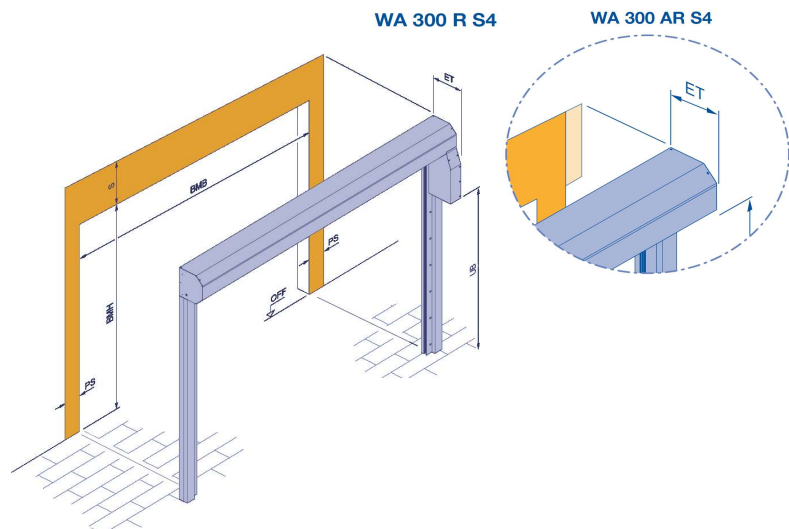


Acoustic rating
18 dB

The values depend on the configuration of the door.

Rolling shutter TGT Decotherm S

The profile made of galvanized special steel with barrel-optimised geometry is especially resistant to damage caused by transport, fitting and operation. Lined profile view on interior and exterior, optionally with colour coating in RAL to choose on both sides.



Door size

Width (BMB)	1000 – 5000 mm
Height (BMH)	2000 – 2400 mm

Table of standard values in mm	WA 300 R S4			WA 300 AR S4		
	Door height	2000	2250	2400	2000	2250
Required headroom (ST)	355	360	365	385	390	395
Fitting depth (ET)	370	370	370	370	370	378

Product description	
Typ	Decotherm S
Material	Double-skinned steel
Surfaces without colour coating	Galvanized without protective paint
Surfaces with colour coating	High-quality coil coating
Standard colours	RAL 9002, 9006
Preferred colours*	RAL 9016, 9007, 8028, 7016, 6005, 5010, 3000
Special colours	Possible on request
Profile height	109 mm
Curtain weight	Approx. 10.3 kg/m ²
Fastening options	Concrete, steel, brickwork, timber
Operator / actuation	WA300 R S4, WA300 AR S4
Max. number of cycles per day (24 h)	300

Differences in appearance between two doors may occur for technical reasons.

Equipment		
Break-in resistance equipment	Wind lock	●
	Internal locking	○
	Internal / external locking	○
Security features	Safety catch	●
Side door	matching the door	○
Window / ventilation	Standard arrangement	○/○
	Logistics arrangement	○/-

● Standard ○ Optional

Performance characteristics		Achievable values	
Resistance to wind load acc. to EN 12424	Max. door width 5000 mm	Class	2
Thermal insulation Annex B EN 12428 Door size 4000 × 4000 mm	Individual door section (U = W/(m ² ·K))	W/(m ² ·K)	3,9
	Fitted (U=W/(m ² ·K))		4,2
Acoustic rating	Shutter 3.5 × 2 m, fitted (RW = dB)	R [dB]	18
Water tightness acc. to EN 12425		Class	0

Note: Maximum wind load only for standard rolling shutters without window profiles

Minimum requirements for the building structure

Concrete

Strength class C 20/25
 Thickness 140 mm
 Standard EN 206-1

Steel

Strength class S235-JRG2
 Thickness 5 mm
 Standard EN 10027-1

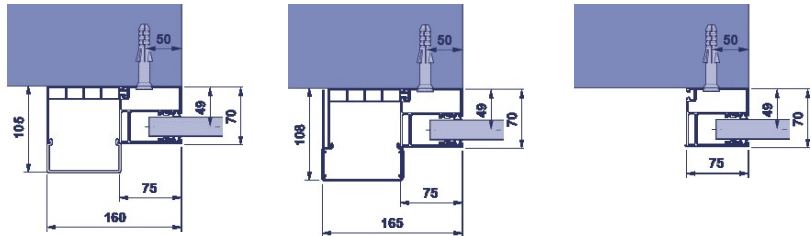
Brickwork

Strength class 12 /mortar group II
 Thickness 240 mm
 Standard DIN 1053-1

Timber

Coniferous wood: C24 / quality category II
 Thickness 120 mm
 Standard DIN 1052 (EC5)

Standard fitting for guide rail FS 160

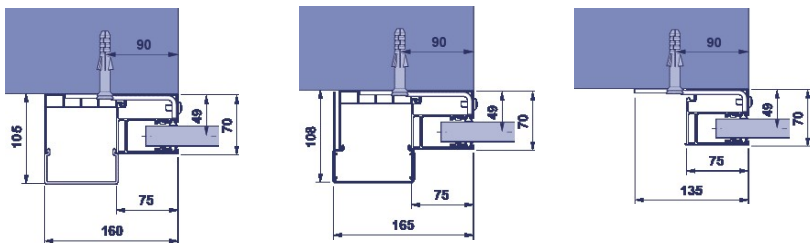


With spring chamber and AFK

With spring chamber and AFA

Without spring chamber

Angle fitting for guide rail FS 160



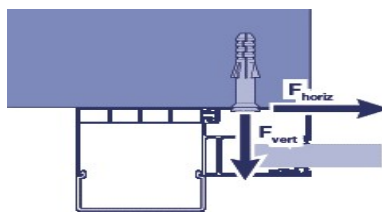
With spring chamber and AFK

With spring chamber and AFA

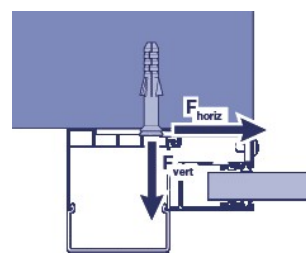
Without spring chamber

Maximum load at the fixing point – guide rail FS 160

Standard fitting



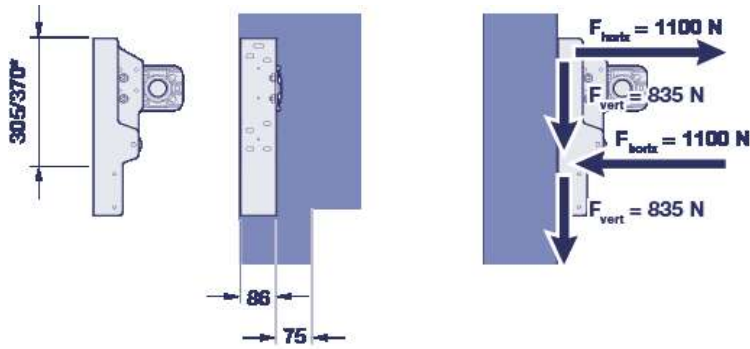
Angle fitting



q_{horiz} [kN/m]	3,75
q_{vert} [kN/m]	2,5

q_{horiz} [kN/m]	1,0
q_{vert} [kN/m]	3,0

Support bracket / maximum load at the fixing point



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