

TECHNICAL SPECIFICATIONS

ARGENTA® INVISIBLE NEO M-6

MANUFACTURER

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Classification

Classification summary according to EN 1935:

Category of use	Durability	Test door mass	Fire/smoke suitability	Safety	Corrosion resistance	Security	Hinge grade
3	7	4	1	1	4	0	11a

Overview table

Quantity of hinges required according to the combination of door weight and door width:

max. door weight	140 kg	> 4 pieces					
	135 kg						
	130 kg	4 pieces					
	125 kg						
	120 kg	3 pieces					
	115 kg						
	110 kg						
	105 kg						
	100 kg	2 pieces					
	95 kg						
	90 kg						
	85 kg						
	80 kg						
	75 kg						
	70 kg						
	65 kg						
			730 mm	830 mm	930 mm	1030 mm	1130 mm
			1230 mm				
			door width				

Reference table

Number of invisible hinges to be used in function of door weight and a maximum door of 2000 mm (height) x 1000 mm (width) according to EN 1935:

2 hinges (**) max. 80 kg
3 hinges max. 100 kg

(**): In order to maintain the perpendicular line of the door panel, the use of a minimum of 3 hinges is recommended.

Adjusted door weight

According to EN 1935 door closers increase the loading on door hinges and their rate of wear. For proper calculation this should be taken in to account.

Door closer: increase the door weight by 20 %

Door closer with back check: increase the door weight by 75 %