

TECHNICAL SPECIFICATIONS

ARGENTA® INVISIBLE NEO S-5

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
2	7	3	1	1	4	0	10

Overview table

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

max. door weight	120 kg	> 4 pieces						
	115 kg							
	110 kg	4 pieces						
	115 kg							
	100 kg	3 pieces						
	95 kg							
	90 kg							
	85 kg	2 pieces						
	80 kg							
	75 kg							
	70 kg							
	65 kg							
	60 kg							
	55 kg	1 piece						
	50 kg							
	45 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. 60 kg
3 hinges max. 80 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 %