

TECHNICAL SPECIFICATIONS

ARGENTA® INVISIBLE NEO L-7

MANUFACTURER

ARGENT ALU nv., Bankstraat 2, 9770 Kruishoutem – Belgium
tel. +32 (0)9 333 99 99, fax. +32 (0)9 333 99 90; info@argentalu.com, www.argentalu.com

Classification

Classification summary according to EN 1935:

Category of use	Durability	Test door mass	Fire/smoke suitability	Safety	Corrosion resistance	Security	Hinge grade
4	7	5	1	1	4	1	12a

Overview table

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

max. door weight	175 kg	> 4 pieces					
	170 kg						
	165 kg	4 pieces					
	160 kg						
	155 kg						
	150 kg	3 pieces					
	145 kg						
	140 kg						
	135 kg						
	130 kg	2 pieces					
	125 kg						
	120 kg						
	115 kg						
	110 kg						
	105 kg						
	100 kg						
	95 kg						
	90 kg						
	85 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. 100 kg

3 hinges max. 150 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 %