

**TECHNICAL SPECIFICATIONS**  
**ARGENTA® INVISIBLE NEO M-6**

**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
<b>3</b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>11a</b>

**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 %