

HARDWARE PERFORMANCE SHEET No. 16831

Identification and summary of test evidence to facilitate the inter-changeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows

EN 16035:2012

A. BUILDING HARDWARE IDENTIFICATION

Position:	Declaration:	Required product information:	
1	Manufacturer:	Argent ALU nv Bankstraat 2 9770 Kruishoutem Belgium	
2	Manufacturer's product reference as shown in fire test evidence:	argenta® invisible neo S-5	
3	Type of building hardware:	hinge	
4	Relevant EN standard:	EN 1935:2002/AC:2003	
5	Classification (in accordance with relevant hardware product standard)	<u>Classification⁽¹⁾</u> : 2/7/3/1/1/4/0/10	<u>Characteristic</u> : Category of use / Durability test / Test door mass / Fire/smoke suitability / Safety / Corrosion resistance / Security / Hinge grade
6	Main dimensions:	- Material: zamak; - Outer dimensions (height x width): 120 mm x 25 mm; - Fitted depth: 26,5 mm (frame) / 30 mm (door); - Intumescent product: fitted parts internally completely covered by interdens 15 – thickness: 1 mm;	
7	Remarks:	-	

B. TEST EVIDENCE USED

1	Material of doorset and/or openable window:	☐ steel doorset and/or openable window
		☒ timber doorset and/or openable window
		☐ aluminium doorset and/or openable window
		☐ other...
2	Mounting of building hardware:	☐ surface mounted, exposed to fire
		☐ surface mounted, not exposed to fire
		☒ mortice mounted, fire on one side of the door leaf

3	Type of doorset and/or openable window:	☒ hinged			
		☐ pivoted			
		☐ sliding			
		☒ single leaf doorset			
		☐ double leaf doorset			
		☐ primary (active) leaf			
		☐ secondary (passive) leaf			
		☐ other type...			
C. PERFORMANCE LEVELS					
	Performance	Fire resisting and/or smoke control doorset and/or openable window test evidence	Building hardware test evidence	Smoke control doorset and/or openable window test evidence	Durability of self-closing
1	Test method:	☒ EN 1634-1	☐ EN 1634-2	☐ EN 1634-3	☐ EN 1191 ☐ EN 12605
2	Test reports no.:	FIRES-FR-088-14-AUNE FIRES-FR-089-14-AUNE			
3	Test report issued by:	Fires s.r.o.			
4	Classification ⁽²⁾ :	EN 13501-2		EN 13501-2	EN 14600
		E: 30 min EW: 30 min EI ₁ : 30 min EI ₂ : 30 min		☐ S _a ☐ S _m	☐ C0 (zero) ☐ C1 (500) ☐ C2 (10,000) ☐ C3 (50,000) ☐ C4 (100,000) ☐ C5 (200,000)
5	Door leaf width:	1030 mm			
6	Door leaf height:	2115 mm			
7	Door thickness:	40 mm			
8	Door leaf mass:	43 kg			
9	Restrictions:	Tested with three hinges per door leaf.			
10	Installation instructions:	Timber door in door frame argenta® invisidoor® IN and argenta® invisidoor® OUT. Hinge fixing: with 2 screws per side – diameter: 3.9 mm – length: 30 mm. The hardware shall be installed as tested and as indicated by the building hardware manufacturer's installation instructions.			
11	Certification body:				
12	Prepared by:	SIGNED APPROVED			

⁽¹⁾ Information provided and under the responsibility of the manufacturer.

⁽²⁾ Based on the observations of the door in the hinges area.