

HARDWARE PERFORMANCE SHEET No. 16804

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® Sarana® 100	
3	Type of building hardware:	hinge	
4	Relevant EN standard:	EN 1935:2002/AC:2003	
5	Classification (in accordance with relevant hardware product standard)	Classification ⁽¹⁾ : 4/7/6/1/1/4/0/13	Characteristic: Category of use / Durability test / Test door mass / Fire/smoke suitability / Safety / Corrosion resistance / Security / Hinge grade
6	Main dimensions:	- Material: stainless steel; - Outer dimensions (height x width): 100 mm x 90 mm; - Knuckle diameter: 20 mm; - Blade thickness: 3 mm; - Pin diameter: 12 mm;	
7	Remarks:	-	

B. TEST EVIDENCE USED

1	Material of doorset and/or openable window:	<input type="checkbox"/> steel doorset and/or openable window <input checked="" type="checkbox"/> timber doorset and/or openable window <input type="checkbox"/> aluminium doorset and/or openable window <input type="checkbox"/> other...
2	Mounting of building hardware:	<input checked="" type="checkbox"/> surface mounted, exposed to fire <input type="checkbox"/> surface mounted, not exposed to fire <input type="checkbox"/> mortice mounted, fire on one side of the door leaf

3	Type of doorset and/or openable window:	<input checked="" type="checkbox"/> hinged			
		<input type="checkbox"/> pivoted			
		<input type="checkbox"/> sliding			
		<input checked="" type="checkbox"/> single leaf doorset			
		<input type="checkbox"/> double leaf doorset			
		<input type="checkbox"/> primary (active) leaf			
		<input type="checkbox"/> secondary (passive) leaf			
<input type="checkbox"/> 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:	<input checked="" type="checkbox"/> EN 1634-1	<input type="checkbox"/> EN 1634-2	<input type="checkbox"/> EN 1634-3	<input type="checkbox"/> EN 1191 <input type="checkbox"/> EN 12605
2	Test report no.:	FIRES-FR-087-14-AUNE			
3	Test report issued by:	Fires s.r.o.			
4	Classification ⁽²⁾ :	EN 13501-2		EN 13501-2	EN 14600
		E: 60 min EW: 60 min EI ₁ : 60 min EI ₂ : 60 min		<input type="checkbox"/> S _a <input type="checkbox"/> S _m	<input type="checkbox"/> C0 (zero) <input type="checkbox"/> C1 (500) <input type="checkbox"/> C2 (10,000) <input type="checkbox"/> C3 (50,000) <input type="checkbox"/> C4 (100,000) <input type="checkbox"/> C5 (200,000)
5	Door leaf width:	930 mm			
6	Door leaf height:	2110 mm			
7	Door thickness:	50 mm			
8	Door leaf mass:	54.4 kg			
9	Restrictions:	Tested with three hinges per door leaf.			
10	Installation instructions:	Fixing with 4 screws per blade. 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		
		<div style="border: 1px solid black; width: 200px; height: 60px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 200px; height: 60px; margin: 0 auto;"></div>		

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

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