

HARDWARE PERFORMANCE SHEET No. 16272

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

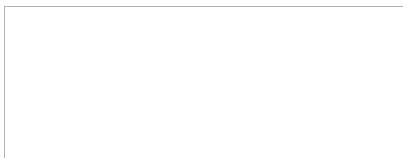
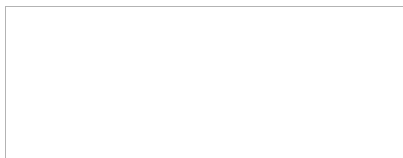
EN 16035:2012

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® close 80/80A	
3	Type of building hardware:	self-closing hinge	
4	Relevant EN standard:	EN 1935:2002/AC:2003	
5	Classification (in accordance with relevant hardware product standard)	<u>Classification⁽¹⁾:</u> 4/7/5/1/1/*/0/12	<u>Characteristic:</u> Category of use / Durability test / Test door mass / Fire/smoke suitability / Safety / Corrosion resistance / Security / Hinge grade
6	Main dimensions:	<ul style="list-style-type: none"> - Material: aluminium; - Outer dimensions (height x width): 80 mm x 80 mm; - Knuckle diameter: 14 mm; - Blade thickness: 3.5 mm; - With built-in stainless steel spring system; - Fixing: with 3 screws per blade. 	
7	Remarks:	- Corrosion resistance: *depending on the finish	

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 type="checkbox"/> surface mounted, exposed to fire
		<input checked="" type="checkbox"/> surface mounted, not exposed to fire
		<input type="checkbox"/> mortice mounted, fire on ... side

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.:	10100			
3	Test report issued by:	WFRGENT nv			
4	Classification:	EN 13501-2		EN 13501-2	EN 14600
		E: 30 min EW: 30 min EI ₁ : 30 min EI ₂ : 30 min		<input type="checkbox"/> S _a <input type="checkbox"/> S _m	<input type="checkbox"/> C0 (nul) <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:	830 mm			
6	Door leaf height:	2015 mm			
7	Door thickness:	40 mm			
8	Door leaf mass:	33,2 kg			
9	Restrictions:	The hinge argenta® close 80/80A was tested as the middle hinge in a set of three, in combination with two other hinges.			
10	Installation instructions:	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.