

## HARDWARE PERFORMANCE SHEET No. 16270

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

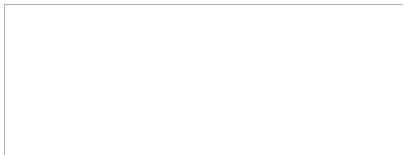
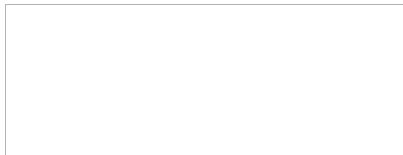
EN 16035:2012

### 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® hinge 80/80 argenta® hinge 80/80A	
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 <sup>(1)</sup> : 4/7/5/1/1/*/0/12	Characteristic: 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"> <li>- Material: aluminium;</li> <li>- Outer dimensions (height x width): 80 mm x 80 mm;</li> <li>- Knuckle diameter: 14 mm;</li> <li>- Blade thickness: 3.5 mm;</li> <li>- Pin diameter: 8 mm;</li> <li>- Fixing: with 3 screws per blade.</li> </ul>	
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

<b>3</b>	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...			
<b>C. PERFORMANCE LEVELS</b>					
	<b>Performance</b>	<b>Fire resisting and/or smoke control doorset and/or openable window test evidence</b>	<b>Building hardware test evidence</b>	<b>Smoke control doorset and/or openable window test evidence</b>	<b>Durability of self-closing</b>
<b>1</b>	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
<b>2</b>	Test report no.:	10100			
<b>3</b>	Test report issued by:	WFRGENT nv			
<b>4</b>	Classification:	EN 13501-2		EN 13501-2	EN 14600
		E: 30 min EW: 30 min EI <sub>1</sub> : 30 min EI <sub>2</sub> : 30 min		<input type="checkbox"/> S <sub>a</sub> <input type="checkbox"/> S <sub>m</sub>	<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)
<b>5</b>	Door leaf width:	830 mm			
<b>6</b>	Door leaf height:	2015 mm			
<b>7</b>	Door thickness:	40 mm			
<b>8</b>	Door leaf mass:	33,4 kg			
<b>9</b>	Restrictions:	Tested with three hinges per door leaf.			
<b>10</b>	Installation instructions:	The hardware shall be installed as tested and as indicated by the building hardware manufacturer's installation instructions.			
<b>11</b>	Certification body:				
<b>12</b>	Prepared by:	SIGNED	APPROVED		
					

<sup>(1)</sup> Information provided and under the responsibility of the manufacturer.