

EN 16035 Hardware Performance Sheet (HPS)

Hardware performance sheet (HPS) – Identification and summary of test evidence to facilitate the interchangeability of building hardware for application to fire-resisting and/or smoke control doorsets and/or openable windows.

TABLE A.1 – BUILDING HARDWARE IDENTIFICATION

Position	Declaration	Required product information		Additional information
1	Manufacturer	Krona Koblenz SpA		Via Piane, 90 47853 Coriano (RN) Italy
2	Manufacturer's product reference as shown in fire test evidence	KUBICA Series Model K5080		See product technical datasheet
3	Type of building hardware	3D adjustable, concealed door hinge		See product technical datasheet
4	Relevant EN standard	EAD 020001-01-0405: 2017 Multi-axis concealed hinge assemblies EN 1935: 2002-02 Building hardware - Single-axis hinges - Requirements and test methods		
5	Classification	Classification: 3/7/4/1/1/4/0/11	Characteristic: Category of use/Durability/Door mass/Resistance to fire/Safety/Corrosion resistance/Security/Hinge grade	EAD 020001-01-0405
6	Main Dimensions	160mmx28mmx33,5mm (Height x Width x Depth-leaf) 160mmx28mmx31,0mm (Height x Width x Depth-frame)		See product technical datasheet
7	Remarks	n.a.		

TABLE A.2 – TEST EVIDENCE USED

1	Material of the 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"/> Aluminum doorset and/or openable window
		<input type="checkbox"/> Other: Metal Frame and timber door
2	Mounting of the building hardware	<input type="checkbox"/> Surface-mounted, exposed to fire
		<input type="checkbox"/> Surface-mounted, not exposed to fire
		<input checked="" type="checkbox"/> Mortice mounted, fire on one 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 (inactive) leaf
<input type="checkbox"/> Other types.....		

TABLE A.3 – 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 checked="" type="checkbox"/> EN 1935 <input checked="" type="checkbox"/> EAD20001-01-0405 <input type="checkbox"/> EN 1191
2	Test report no.	14021901-1			14-001957-PR01
3	Test report issued by	IBS Institute Linz			ift Rosenheim GmbH
4	Classification	EN 13501-2:2016		EN 13501-2:2016	EN 14600:2006
		E: EW: EI ₁ : 30 min EI ₂ : 30 min		<input type="checkbox"/> Sa <input type="checkbox"/> Sm	<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 checked="" type="checkbox"/> C5 (200.000)
5a	Width of the primary leaf	mm 1022	mm	mm	mm
5b	Width of secondary leaf	mm	mm	mm	mm
6	Door leaf height	mm 2205	mm	mm	mm
7	Door thickness	mm 60	mm	mm	mm
8a	Mass of primary leaf	kg 80	kg	kg	kg 80
8b	Mass of secondary leaf	kg	kg	kg	kg
9	Restrictions	Flush doors, for wooden, steel and aluminum frames			
10	Installation instructions	See building hardware manufacturer's installation instructions			
11	Certification body				
12	Prepared and approved by	Coprai Lab b.u. Coprai Group Srl and Krona Koblenz Spa			
13	Date	18/09/2020			