

EN 16035 Hardware Performance Sheet (HPS)

TS 83

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 operable windows.

Test Report no.	Timber doors	Steel/ metal doors	Aluminium profile	Steel profile	Single leaf	Double leaf	Latched	Unlatched	Door opening direction into the oven	Door opening direction outside the oven	Fire resistance EN 1634-1	Smoke control EN 1634-3	Product inside the oven	Product outside the oven	Product concealed	Duration of fire resistance							Durability of selfclosing EN 1191				
																EI 1 or EI 2 insulated doorset							E uninsulated doorset				Test cycles
																EI 1	EI 2	E	≥ 30	≥ 60	≥ 90	≥ 240					
DMT-DO-50-705	x				x		x		x		x		x			x	x				x						
DMT-DO-50-706				x	x		x			x				x				x									

EN 16035 Hardware Performance Sheet (HPS)

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Test report no. DMT-DO-50-705

Building hardware identification

Manufacturer: dormakaba Deutschland GmbH, DORMA Platz 1, 58256 Ennepetal

Manufacturer's product reference: TS 83 EN 7

Type of building hardware: controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 293x61x47

Remarks: --

Test evidence

Material of door set: timber

Mounting of building hardware: surface mounted, product inside the oven

Type of door set: hinged, one leaf door

Door opening direction: inside the oven

Isolation: Insulated

Door tested: latched

Performance level(s)

Performance: fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 11.02.2020

Test report issued by: DMT Lathen

Classification: EI 2 92 min., EI 1 90 min.

Width of primary leaf: 1235mm

Width of secondary leaf: --

Door leaf height: 2485mm

Door thickness: 63

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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Building hardware identification

Manufacturer: dormakaba Deutschland GmbH, DORMA Platz 1, 58256 Ennepetal

Manufacturer's product reference: TS 83 EN 7

Type of building hardware: controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 7 | 1 | 1 | 1 | 4

Main dimensions [mm]: 293x61x47

Remarks: --

Test evidence

Material of door set: steel profile

Mounting of building hardware: surface mounted, product outside the oven

Type of door set: hinged, one leaf door

Door opening direction: outside the oven

Isolation: Insulated

Door tested: latched

Performance level(s)

Performance: fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 11.02.2020

Test report issued by: DMT Lathen

Classification: EI 2 60 min., EI 1 60 min.

Width of primary leaf: 1170mm

Width of secondary leaf: --

Door leaf height: 2430mm

Door thickness: 65

Mass of primary leaf: 112kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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