EN 16035 Hardware Performance Sheet (HPS)

TS 73 V EN 2-4

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.

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 — EI 1 or EI 2 insulated doorset / E uninsulated doorset							Durability of selfclosing EN 1191
																EI 1	EI 2	E	>= 30	>= 60	>= 90	>= 240	Test cycles
DMT-DO-50-712		x				x	x			x	x			x		x	x				x		
DMT-DO-50-583-R1	x				x		x			x	x	x					x		x				
141929	x				x		x	x		x	x	x				x				x			

EN 16035 Hardware Performance Sheet (HPS)

TS 73 V EN 2-4

Test report no. DMT-DO-50-712

Building hardware identification

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

Manufacturer's product reference: TS 73 V EN 2-4

Type of building hardware: Controlled door closing device surface mounted

EN building hardware product standard(s): EN 1154

Classification(s): 4 I 8 I 2-4 I 1 I 1 I 4

Main dimensions [mm]: 225x40x60

Remarks: --

Test evidence

Material of door set: steel

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

Type of door set: double leaf door set

Door opening direction: outside the oven

Isolation: insulated

Door tested: latched

Performance level(s)

Performance: Fire and smoke control door set

Test method: EN 1634-1

Date: 27.02.2020

Test report issued by: DMT Lathen

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

Width of primary leaf: 978mm

Width of secondary leaf: 978mm

Door leaf height: 2225mm

Door thickness: 64mm

Mass of primary leaf: 103kg

Mass of secondary leaf: 114kg

Restrictions: --

Installation Instructions: --

20200508_HPS_TS_73_V_2-4_EN.docx

EN 16035 Hardware Performance Sheet (HPS)

TS 73 V EN 2-4

Test report no. DMT-DO-50-583-R1

Building hardware identification

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

Manufacturer's product reference: TS 73 V EN 2-4

Type of building hardware: Controlled door closing device surface mounted

EN building hardware product standard(s): EN 1154

Classification(s): 4 I 8 I 2-4 I 1 I 1 I 4

Main dimensions [mm]: 225x40x60

Remarks: --

Test evidence

Material of door set: timber

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

Type of door set: single leaf door set

Door opening direction: outside the oven

Isolation: insulated

Door tested: latched

Performance level(s)

Performance: Fire and smoke control door set

Test method: EN 1634-1

Date: 14.05.2019

Test report issued by: DMT Lathen

Classification: EI 2 43 min.

Width of primary leaf: 1015mm

Width of secondary leaf: --

Door leaf height: 2150mm

Door thickness: 44mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

20200508_HPS_TS_73_V_2-4_EN.docx

dormakaba

EN 16035 Hardware Performance Sheet (HPS)

TS 73 V EN 2-4
Test report no. 141929

Building hardware identification

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

Manufacturer's product reference: TS 73 V EN 2-4

Type of building hardware: Controlled door closing device surface mounted

EN building hardware product standard(s): EN 1154

Classification(s): 4 I 8 I 2-4 I 1 I 1 I 4

Main dimensions [mm]: 225x40x60

Remarks: --

Test evidence

Material of door set: timber

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

Type of door set: single leaf door set

Door opening direction: into the oven

Isolation: insulated

Door tested: latched

Performance level(s)

Performance: Fire and smoke control door set

Test method: EN 1634-1

Date: 05.10.2004

Test report issued by: Warrington Fire Research

Classification: EI 1 66 min.

Width of primary leaf: 924mm

Width of secondary leaf: --

Door leaf height: 2038mm

Door thickness: 52mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --