

EN 16035 Hardware Performance Sheet (HPS)

TS 92

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	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		
														I1	I2	≥ 30	≥ 60	≥ 90	≥ 30	≥ 60	≥ 90			≥ 240	
379042	x				x	x			x		x														
DMT-DO-50-229-001	x				x		x		x			x													
DMT-DO-50-229-001	x				x		x		x		x														
141869		x			x			x	x			x												x	
141869		x			x			x	x			x												x	
163527	x				x			x	x		x			x											
163527	x				x		x		x		x			x											
118986	x				x		x		x			x		x											
11641	x				x			x	x			x													

EN 16035 Hardware Performance Sheet (HPS)

TS 92

Test report no. 379042, EN 1634-1, timber, single leaf, insulated, latched

Building hardware identification

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

Manufacturer's product reference: TS 92 G EN 1-4

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 1-4 | 1 | 1 | 1 | 3

Main dimensions [mm]: 281x47x65

Remarks: --

Test evidence

Material of door set: timber

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

Type of door set: Hinged, single leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 29.06.2017

Test report issued by: Warrington Fire Research

Classification: EI 2 64 min.

Width of primary leaf: 932mm

Width of secondary leaf: --

Door leaf height: 2038mm

Door thickness: 54mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

Hardware_Performances_Sheet_Vorlage.docx Version: 30.05.2017

20170824_HPS_TS_92_EN_1-4_EN.docx

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EN 16035 Hardware Performance Sheet (HPS)

TS 92

Test report no. DMT-DO-50-229-001, EN 1634-1, timber, single leaf, latched, insulated

Building hardware identification

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

Manufacturer's product reference: TS 92 B EN 1-4,

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 1-4 | 1 | 1 | 1 | 3

Main dimensions [mm]: 281x47x65

Remarks: --

Test evidence

Material of door set: timber

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

Type of door set: Hinged, single leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 29.06.2015

Test report issued by: DMT Lathen

Classification: EI 2 103 min.

Width of primary leaf: 985mm

Width of secondary leaf: --

Door leaf height: 2110mm

Door thickness: 65mm

Mass of primary leaf: 62Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

EN 16035 Hardware Performance Sheet (HPS)

TS 92

Test report no. DMT-DO-50-229-001, EN 1634-1, timber, single leaf, latched, insulated

Building hardware identification

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

Manufacturer's product reference: TS 92 B EN 1-4,

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 1-4 | 1 | 1 | 1 | 3

Main dimensions [mm]: 281x47x65

Remarks: --

Test evidence

Material of door set: timber

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

Type of door set: Hinged, single leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 29.06.2015

Test report issued by: DMT Lathen

Classification: EI 2 103 min.

Width of primary leaf: 985mm

Width of secondary leaf: --

Door leaf height: 2110mm

Door thickness: 65mm

Mass of primary leaf: 62Kg

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

EN 16035 Hardware Performance Sheet (HPS)

TS 92

Test report no. 141869, EN 1634-1, steel, single leaf, unlatched, uninsulated

Building hardware identification

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

Manufacturer's product reference: TS 92 B EN 1-4,

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 1-4 | 1 | 1 | 1 | 3

Main dimensions [mm]: 281x47x65

Remarks: --

Test evidence

Material of door set: steel

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

Type of door set: Hinged, single leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 14.09.2014

Test report issued by: Warrington Fire Research

Classification: E 261 min.

Width of primary leaf: 924mm

Width of secondary leaf: --

Door leaf height: 2498mm

Door thickness: 45mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

EN 16035 Hardware Performance Sheet (HPS)

TS 92

Test report no. 141869, EN 1634-1, steel, single leaf, unlatched, uninsulated

Building hardware identification

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

Manufacturer's product reference: TS 92 B EN 1-4

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 1-4 | 1 | 1 | 1 | 3

Main dimensions [mm]: 281x47x65

Remarks: --

Test evidence

Material of door set: steel

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

Type of door set: Hinged, single leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 14.09.2014

Test report issued by: Warrington Fire Research

Classification: E 261 min.

Width of primary leaf: 924mm

Width of secondary leaf: --

Door leaf height: 2498mm

Door thickness: 45mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

EN 16035 Hardware Performance Sheet (HPS)

TS 92

Test report no. 163527, EN 1634-1, timber, single leaf, unlatched, insulated

Building hardware identification

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

Manufacturer's product reference: TS 92 B EN 1-4

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 1-4 | 1 | 1 | 1 | 3

Main dimensions [mm]: 281x47x65

Remarks: --

Test evidence

Material of door set: timber

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

Type of door set: Hinged, single leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 14.09.2007

Test report issued by: Warrington Fire Research

Classification: EI 1 60 min.

Width of primary leaf: 926mm

Width of secondary leaf: --

Door leaf height: 2035mm

Door thickness: 52mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

EN 16035 Hardware Performance Sheet (HPS)

TS 92

Test report no. 163527, EN 1634-1, timber, single leaf, latched, insulated

Building hardware identification

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

Manufacturer's product reference: TS 92 B EN 1-4

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 1-4 | 1 | 1 | 1 | 3

Main dimensions [mm]: 281x47x65

Remarks: --

Test evidence

Material of door set: timber

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

Type of door set: Hinged, single leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 14.09.2007

Test report issued by: Warrington Fire Research

Classification: EI 1 60 min.

Width of primary leaf: 926mm

Width of secondary leaf: --

Door leaf height: 2035mm

Door thickness: 52mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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EN 16035 Hardware Performance Sheet (HPS)

TS 92

Test report no. 118986, EN 1634-1, timber, single leaf, latched, insulated

Building hardware identification

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

Manufacturer's product reference: TS 92 B EN 1-4

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 1-4 | 1 | 1 | 1 | 3

Main dimensions [mm]: 281x47x65

Remarks: --

Test evidence

Material of door set: timber

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

Type of door set: Hinged, single leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 10.09.2001

Test report issued by: Warrington Fire Research

Classification: EI 1 30 min.

Width of primary leaf: 806mm

Width of secondary leaf: --

Door leaf height: 1974mm

Door thickness: 38mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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EN 16035 Hardware Performance Sheet (HPS)

TS 92

Test report no. 11641, EN 1634-1, timber, single leaf, insulated, unlatched

Building hardware identification

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

Manufacturer's product reference: TS 92 B EN 1-4

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 4 | 8 | 1-4 | 1 | 1 | 1 | 3

Main dimensions [mm]: 281x47x65

Remarks: --

Test evidence

Material of door set: timber

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

Type of door set: Hinged, single leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 16.02.1995

Test report issued by: Warringtonfire

Classification: EI 2 61 min.

Width of primary leaf: 915mm

Width of secondary leaf: --

Door leaf height: 2040mm

Door thickness: 54mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --