

EN 16035 Hardware Performance Sheet (HPS)

BTS 80

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	
148870	x				x			x	x				x												
IT 15-062	x				x			x	x				x	x											
Chilt/A05151 Revision D	x				x			x	x				x												
157937		x			x			x	x				x											x	
210004984-1			x			x	x		x				x												
133960	x				x			x	x				x												

EN 16035 Hardware Performance Sheet (HPS)

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Test report no. 148870, EN 1634-1, timber, single leaf, insulated, unlatched

Building hardware identification

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

Manufacturer's product reference: BTS 80 F EN 6

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 6 | 1 | 1 | 1 | 4

Main dimensions [mm]: 341x78x60

Remarks: --

Test evidence

Material of door set: timber

Mounting of building hardware: product concealed

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: 01.02.16

Test report issued by: Warringtonfire

Classification: EI 2 72min.

Width of primary leaf: 926mm

Width of secondary leaf: --

Door leaf height: 2037mm

Door thickness: 55mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

EN 16035 Hardware Performance Sheet (HPS)

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Test report no. IT 15-062, EN 1634-1, timber, single leaf, insulated, unlatched

Building hardware identification

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

Manufacturer's product reference: BTS 80 F EN 4

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

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

Main dimensions [mm]: 341x78x60

Remarks: --

Test evidence

Material of door set: timber

Mounting of building hardware: product concealed

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: 26.09.15

Test report issued by: Forte Testing and Consultants Company Limited

Classification: EI 1 138min.

Width of primary leaf: 734mm

Width of secondary leaf: --

Door leaf height: 2075mm

Door thickness: 56mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

EN 16035 Hardware Performance Sheet (HPS)

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Test report no. Chilt/A05151 Revision D, EN 1634-1, timber, single leaf, insulated, unlatched

Building hardware identification

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

Manufacturer's product reference: BTS 80 F EN 4

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

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

Main dimensions [mm]: 341x78x60

Remarks: --

Test evidence

Material of door set: timber

Mounting of building hardware: product concealed

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: 07.02.2013

Test report issued by: Chiltern

Classification: --

Width of primary leaf: --

Width of secondary leaf: --

Door leaf height: --

Door thickness: --

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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EN 16035 Hardware Performance Sheet (HPS)

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Test report no. 157937, EN 1634-1, steel, single leaf, uninsulated, unlatched

Building hardware identification

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

Manufacturer's product reference: BTS 80 FP EN 5

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 5 | 1 | 1 | 1 | 4

Main dimensions [mm]: 341x78x60

Remarks: --

Test evidence

Material of door set: steel

Mounting of building hardware: product concealed

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: 18.12.06

Test report issued by: Warringtonfire

Classification: E 240min.

Width of primary leaf: 1129mm

Width of secondary leaf: --

Door leaf height: 2350mm

Door thickness: 44mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

EN 16035 Hardware Performance Sheet (HPS)

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Test report no. 210004984-1, EN 1634-1, aluminium profile, double leaf, insulated, latched

Building hardware identification

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

Manufacturer's product reference: BTS 80 F EN 4

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

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

Main dimensions [mm]: 341x78x60

Remarks: --

Test evidence

Material of door set: aluminium profile

Mounting of building hardware: product concealed

Type of door set: Hinged, double leaf door set

Performance level(s)

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 31.03.06

Test report issued by: MPA NRW

Classification: EI 2 90min.

Width of primary leaf: 980mm

Width of secondary leaf: 980mm

Door leaf height: 1990mm

Door thickness: 105mm

Mass of primary leaf: 119mm

Mass of secondary leaf: 112Kg

Restrictions: --

Installation Instructions: --

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EN 16035 Hardware Performance Sheet (HPS)

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Test report no. 133960, EN 1634-1, timber, single leaf, insulated, unlatched

Building hardware identification

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

Manufacturer's product reference: BTS 80 F EN 4

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

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

Main dimensions [mm]: 341x78x60

Remarks: --

Test evidence

Material of door set: timber

Mounting of building hardware: product concealed

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: 24.09.2006

Test report issued by: Warringtonfire

Classification: EI 2 60min.

Width of primary leaf: 825mm

Width of secondary leaf: --

Door leaf height: 2040mm

Door thickness: --

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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