

# EN 16035 Hardware Performance Sheet (HPS)

## BTS 80 EMB

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															Test cycles								
	E uninsulated doorset																							
																EI 1	EI 2	E	≥ 30	≥ 60	≥ 90	≥ 240		
10-V-075		X			X		X	X			X				X		X			X				
RS05-120	X				X		X				X				X		X		X					

# EN 16035 Hardware Performance Sheet (HPS)

BTS 80 EMB

**Test report no. 10-V-075**

## **Building hardware identification**

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

Manufacturer's product reference: BTS 80 EMB

Type of building hardware: Controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 4-6 | 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, double leaf door set

Door opening direction: into the oven

Isolation: insulated

Door tested: unlatched

## **Performance level(s)**

Performance: Fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 23.02.2010

Test report issued by: Efectis france

Classification: EI 2 68min.

Width of primary leaf: 990mm

Width of secondary leaf: --

Door leaf height: 2600mm

Door thickness: --

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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# EN 16035 Hardware Performance Sheet (HPS)

BTS 80 EMB

**Test report no. RS05-120**

## **Building hardware identification**

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

Manufacturer's product reference: BTS 80 EMB

Type of building hardware: controlled door closing device

EN building hardware product standard(s): EN 1154

Classification(s): 3 | 8 | 4-6 | 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, double leaf door set

Door opening direction: --

Isolation: insulated

Door tested: unlatched

## **Performance level(s)**

Performance: fire resisting and smoke control doorset

Test method: EN 1634-1

Date: 30.03.2006

Test report issued by: CSTB

Classification: EI 2 38 min

Width of primary leaf: 930mm

Width of secondary leaf: 930mm

Door leaf height: 1905mm

Door thickness: 40mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

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