

EN 16035 Hardware Performance Sheet (HPS)

TS 90 Impulse

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			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	Duration of fire resistance						Durability of selfclosing EN 1191	
				Single leaf	Double leaf	Latched	Unlatched						EI 1 or EI 2 insulated doorset E uninsulated doorset							
													EI 1	EI 2	E	≥ 30	≥ 60	≥ 90	≥ 240	Test cycles
DMT-DO-50-730-R1	x			x		x		x		x			x	x				x		
136877	x			x			x	x		x				x		x				

EN 16035 Hardware Performance Sheet (HPS)

TS 90 Impulse

Test report no. DMT-DO-50-730-R1

Building hardware identification

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

Manufacturer's product reference: TS 90 Impulse EN 3/4

Type of building hardware: Controlled door closing device surface mounted

EN building hardware product standard(s): EN 1154

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

Main dimensions [mm]: 246x46x57

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: inside the oven

Isolation: insulated

Door tested: latched

Performance level(s)

Performance: Fire and smoke control door set

Test method: EN 1634-1

Date: 24.04.2020

Test report issued by: DMT Lathen

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

Width of primary leaf: 1235mm

Width of secondary leaf: --

Door leaf height: 2485mm

Door thickness: 63mm

Mass of primary leaf: --

Mass of secondary leaf: --

Restrictions: --

Installation Instructions: --

20200508_HPS_TS_90_Impulse_EN_3/4_EN.docx

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EN 16035 Hardware Performance Sheet (HPS)

TS 90 Impulse

Test report no. 136877

Building hardware identification

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

Manufacturer's product reference: TS 90 Impulse EN 3/4

Type of building hardware: Controlled door closing device surface mounted

EN building hardware product standard(s): EN 1154

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

Main dimensions [mm]: 246x46x57

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: inside the oven

Isolation: insulated

Door tested: unlatched

Performance level(s)

Performance: Fire and smoke control door set

Test method: EN 1634-1

Date: 04.02.2004

Test report issued by: Warringtonfire

Classification: EI 2 66min.

Width of primary leaf: 925mm

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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