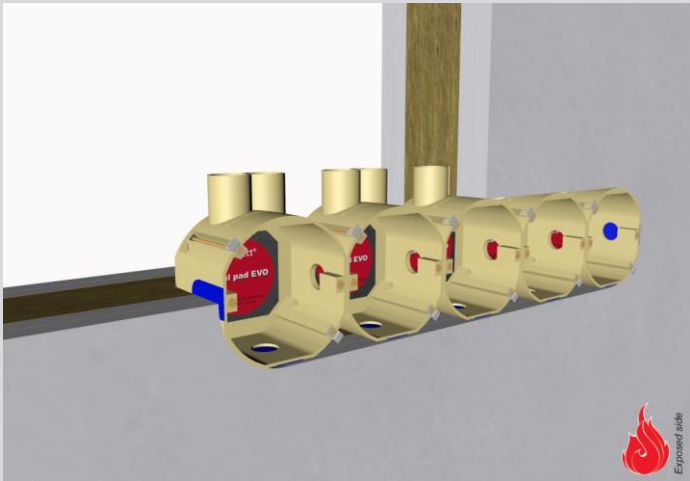


Installation:

- installation instructions in [TDS](#)
- if required, apply smoke seal Firetect Acrylic around penetration opening ⁵⁾

tested property	fire resistance
test method	EN 1366-3
service no.	16-10



Field of Application - single socket incl. on row
 Socket box size (volume) may vary and is allowed within classified range:

all plastic socket boxes, incl. halogen free:

width:	67mm up to max. 380 mm
height:	max. 90 mm
depth:	max. 73 mm

Principle detail. **EI** is determined by test configuration; see below table.

electrical socket boxes

type	max. size (mm) ¹⁾			EI	constructive element ²⁾	acc. EN 1366-3 board type ³⁾	acc. EN 1364-1 board type ³⁾	Firetect socket pad 1 per module ⁴⁾	application	
	width	height	depth						non-standard config.	1 side
wall application										
single socket										
small	Ø67	50		EI 120	flexible walls ≥ 100 mm	F		1 EVO		exposed
eg Legrand				EI 90	flexible walls ≥ 100 mm	F		1 EVO		unexposed
				EI 120	flexible walls ≥ 100 mm	F		2x 1 EVO		back-to-back
				EI 60	flexible walls ≥ 100 mm		all (A up to F)	2x 1 EVO		back-to-back
				EI 120	flexible walls ≥ 100 mm non-insulated wall	F		1 EVO		exposed
				EI 60	flexible walls ≥ 100 mm non-insulated wall	F		1 EVO		unexposed
				EI 60	flexible walls ≥ 100 mm non-insulated wall	F		2x 1 EVO		back-to-back
				EI 90	flexible walls ≥ 160 mm + 10mm void		all (A up to F)	1 EVO		exposed
				EI 120	rigid walls ≥ 100 mm	BW		2x 1 EVO		back-to-back
				EI 60	rigid walls ≥ 100 mm		BW	2x 1 EVO		back-to-back
standard	Ø76	50		EI 90	flexible walls ≥ 100 mm	F		1 EVO		exposed
eg Attema, ABB/Haf,				EI 120	flexible walls ≥ 100 mm	F		1 EVO		unexposed
PeHA, OBO,				EI 120	flexible walls ≥ 100 mm	F		2x 1 EVO		back-to-back
Helia/Kaiser etc.				EI 60	flexible walls ≥ 100 mm		all (A up to F)	2x 1 EVO		back-to-back
				EI 60	flexible walls ≥ 100 mm non-insulated wall	F		1 EVO		exposed
				EI 60	flexible walls ≥ 100 mm non-insulated wall	F		1 EVO		unexposed
				EI 60	flexible walls ≥ 100 mm non-insulated wall	F		2x 1 EVO		back-to-back
				EI 60	flexible walls ≥ 160 mm non-insulated wall		all (A up to F)	1 EVO		exposed
				EI 90	flexible walls ≥ 160 mm 10mm void		all (A up to F)	1 EVO		exposed
				EI 60	flexible walls ≥ 160 mm 10mm void		all (A up to F)	1 EVO		unexposed
				EI 120	rigid walls ≥ 100 mm	BW		1 EVO		exposed
				EI 120	rigid walls ≥ 100 mm	BW		1 EVO		unexposed
				EI 120	rigid walls ≥ 100 mm	BW		2x 1 EVO		back-to-back
				EI 60	rigid walls ≥ 100 mm		BW	2x 1 EVO		back-to-back
extra large / deep	Ø76	71		EI 60	flexible walls ≥ 100 mm	F		1 EVO		exposed
eg Betek,	84	90	73	EI 90	flexible walls ≥ 100 mm		all (A up to F)	1 EVO		exposed
Schneider etc.	84	90	73	EI 60	flexible walls ≥ 100 mm		all (A up to F)	1 EVO		unexposed
single socket on row										
max. 5x on row	380	76	71	EI 60	flexible walls ≥ 100 mm	F		max. 5x 1 EVO		exposed
ceiling application										
single socket										
standard	70	70	55	EI 120	flexible ceilings ≥ 150 mm non-insulated ceiling	F		1 EVO		exposed

¹⁾ Max. socket box size (actual size, not mounting size), applicable for **all plastic** socket boxes including **halogen-free**.

²⁾ Constructive element must be classified acc. EN 13501-2 for the required fire resistance period.

³⁾ acc. EN 520, board type: **A** = gypsum plaster board, **F** = gypsum plaster board reinforced, **BW** = blockwork/concrete/masonry.

⁴⁾ Seal pad EVO 50x50mm, Seal pad EVO Legrand 50x45mm or proportional made-to-fit.

⁵⁾ With a seamless installation in constructive element, a smoke seal is **not** required.