



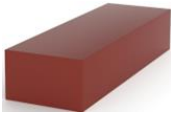



INSTALLATION MANUAL MIXED PENETRATION SEAL

ZZ[®] M60 ETA 21/1055

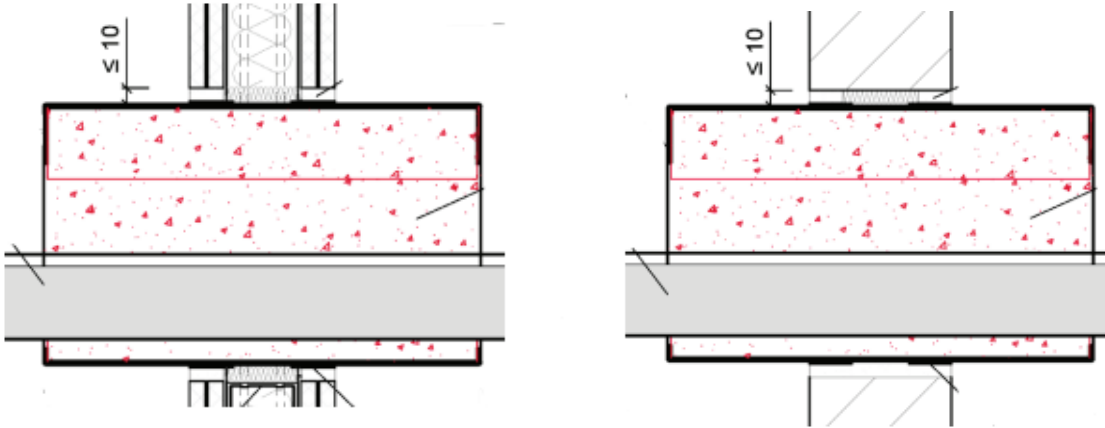
ZZ[®] M60-S90 ABG Z-19.53-2604



SYSTEM COMPONENTS FIRE PROTECTION BOX

Product	Designation
	ZZ® 630 Fire Protection Box 4-sided
	ZZ® 630 Fire Protection Box 3-sided
	ZZ® 231 Fire Protection Inlay 60 x 100 x 300 mm
	ZZ® 330 Fire Protection Foam 380 ml cartridge, 2 x Mixing Nozzle 2K
	ZZ® 452 Fire Protection Wrap 30 mm, 1 m roll
	Identification Plate ETA for European Technical Assessment Systems

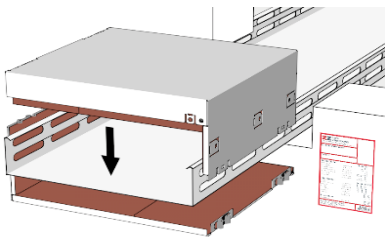
INSTALLATION MANUAL 4-SIDED



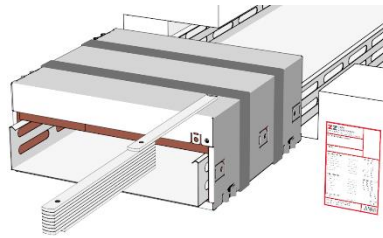
Gap space

aBG: max. 10 mm at walls, max. 30 mm at rigid floors (Germany only)

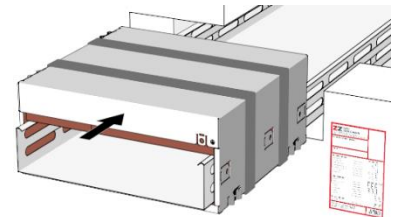
ETA: max. 30 mm at walls and rigid floors



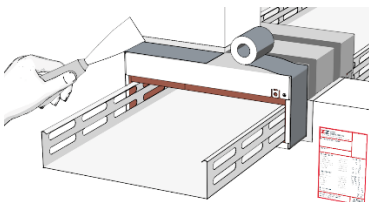
ZZ® 630 Fire Protection Box
assemble up to the 4 lock
elements are clicked in



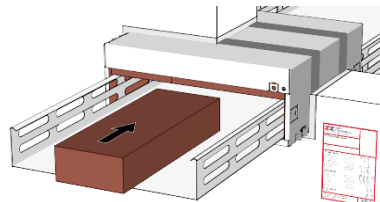
ZZ® 452 Fire Protection Wrap
wrap around the box flush with the
construction surfaces on both sides
of the opening and stick them on
by removing the separator strip



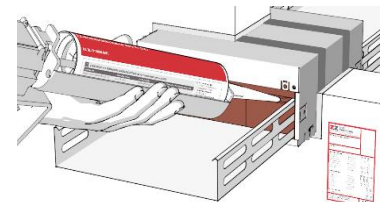
ZZ® 630 Fire Protection Box
insert centered into the wall



ZZ® 630 Fire Protection Box
fill up the gap with dimension
stable cement or gypsum
mortar

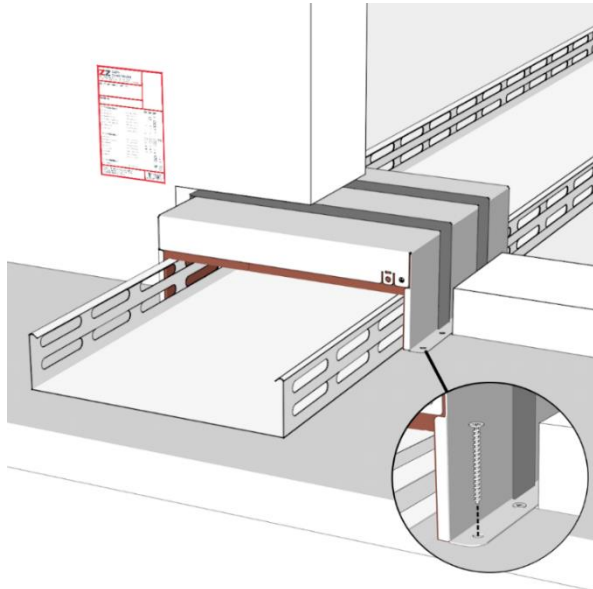


ZZ® 231 Fire Protection Inlay
for filling up wide openings, fit cut
and push into the opening



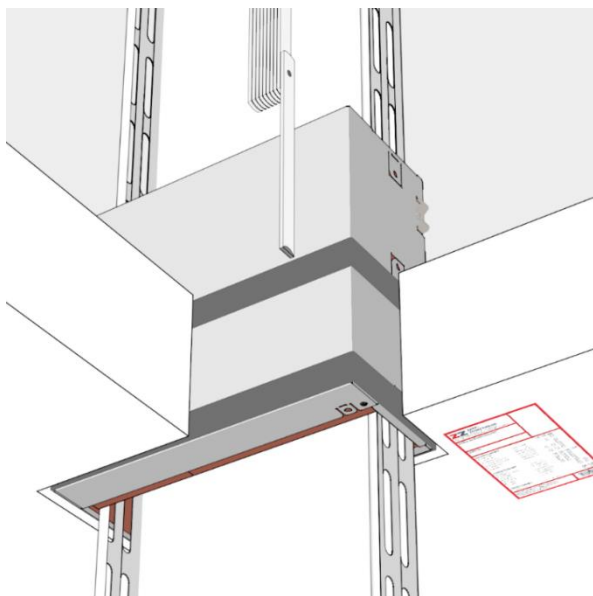
ZZ® 330 Fire Protection Foam
for fill up small openings

INSTALLATION MANUAL 3-SIDED



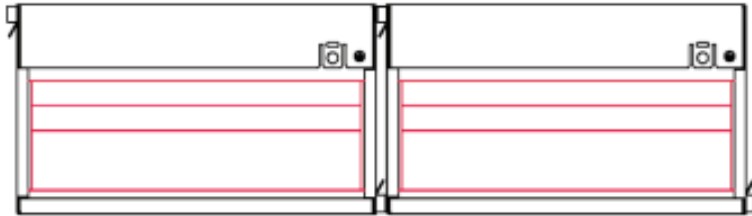
The 3-sided **ZZ® 630 Fire Protection Box** can optionally be mounted by screws as an assembling fixation. Further installation steps as described above.

INSTALLATION MANUAL FOR RIGID FLOORS



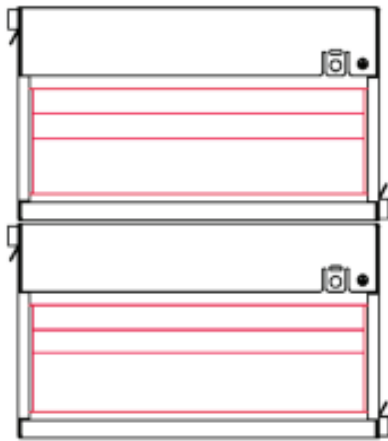
For use in rigid floors, the box must be flushed with the underside of the rigid floor. Further installation steps as described above.

INFORMATION FOR MULTIPLE ARRANGEMENT



aBG: maximum two boxes can be arranged next to each other (Germany only)

ETA: unlimited boxes can be arranged next to each other



aBG and ETA: two boxes can be stacked on each other

NOTES

For the use and application of the system components please observe the corresponding approvals aBG (Germany only) or ETA.

For further information and documents please take a look at our website and its download section:

www.z-z.eu

www.z-z.de

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Images

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