

Product datasheet:

Box sealing system DS 90 / 120 mm

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- for EI30-EI90 fire-protection walls
- For timber stud walls F30-F90 or EI30-EI90
- attachment using tried-and-tested FX⁴ metal plate screws
- with integrated sealing inserts
- ensures smoke-tight room separation (seals against cold smoke)
- unlimited building material shelf life

Fire protection cable entry EI90 for fire protection walls in accordance with EN 1366-3/ DIN 4102-9, fire sealing in the form of a box partition system, for lightweight fire protection walls in accordance with DIN 4102, masonry walls in accordance with DIN 1053 and concrete walls in accordance with DIN 1045, consisting of a sealing cylinder made of insulating material and a two-part sealing insert, fixed with screws, for electric cable and conduit feed-throughs as well as electric cable and conduit entries in fire protection walls EI90, Installation opening Ø 120 mm in cavity walls or Ø 150 mm in solid walls, for individual electrical installation pipes 16 mm-63 mm, for electric cables up to max. Ø 29 mm, electric cable and pipe bundles up to max. Ø 74 mm, opening area = 0.0043 m²

Proof of usability: DIBt approval Z.19.53-2188, with sound insulation function up to a sound insulation value of 77dB



Assembly instructions



Planning data

Article number:	9459-04
E-No:	121819018
EAN:	4013456537156
Packaging quantity:	4

Dimensions / Form

Drill/cut hole Ø:	120 mm
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Assembly / Installation

Wall thickness min.:	100 mm
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Safety / Properties

Sound insulation walls up to:	72
Special application:	Fire protection
Sound insulation:	Yes

Approvals / Certifications

fire resistance class:	EI 90
DIBT approval:	Z-19.53-2188
European Technical Assessment approval:	ETA-14/0159

The box sealing system DS 90 / 120 mm covers an additional range of applications in building fire protection. The increased diameter makes it possible to use a larger number of cables and electrical installation conduits and also greater diameters. With this system, it is also possible to mix the installation of conduits and cables. In addition, full population, as with the DS 90 / 74 mm, allows use of the system in all fields of building technology. Because no additional materials are used, non-destructive retrofitting is also possible. The tried-and-tested screw fixing permits clean, safe and secure installation.

Product datasheet:

- Secure, visible, certified fire sealings
- Seals wall feed-throughs
- Automatic sealing of the joints and gaps between cables - no filling and smoothing
- Non-destructive retrofitting
- Also for mixed population of bundles of cables and conduits
- For timber stud walls F30-F90 or EI30-EI90