Fire protection for screed-covered underfloor systems
Assembly instruction
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1 | Scope of delivery
The fire stop shipment includes an underfloor cable box and a quality label. Two EasyFoam smoke protection plugs can be ordered in addition to the content of delivery.

2 | Positioning the cable box
Place the cable box into the wall opening. The box must not protrude from the wall by more than 8.5 cm.

3 | Sealing
Push the screed-covered underfloor ducts flush to the fire stop and seal with rubber band. Ducts must not be led through the fire stop.

4 | Plastering
Thoroughly plaster into wall depth using mineral mortar or joint filling made of hard cement.

5 | Mounting the steel unit
Firmly plug the three-sided steel plate housing to the fire stop on the raw floor, allowing for an earthing connection.

6 | Inspection opening
In order to create an inspection chamber or an installation opening, mount hollow floor box to the underfloor duct and then insert shuttering unit.

Fire stop (cable seal WD90, Wichmann system) for screed-covered underfloor ducts with a width of 350 mm, available in the heights of 28, 38 and 48mm. Other sizes upon request. For the installation in fire protection walls of fire resistance grading S90.
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7 | Applying screed
After the completed mounting of the screed-covered duct system, apply sealing, impact noise insulation and screed.

8 | Cable routing
Lay cables in screed-covered underfloor duct and fire stop. The ground below the partition must be even and not flammable.

9 | Smoke control
Place EasyFoam smoke protection plugs over the entire width of hollow floor box.

10 | Adjusting the size
Cut Easy-Foam smoke protection plugs according to the cable sizes.

11 | Sealing
All remaining openings must be sealed using silicone or EasyFoam fire protection foam.

12 | Quality label
Fill in quality label and fix to the hollow floor box. Hand in declaration of compliance together with permit.

13 | Fire protection components
The fire stop must be installed according to DIN 4102-4 in brickwork of up to 10cm thickness and sealed on both sides of the nearest hollow floor box using EasyFoam smoke protection plugs. The underfloor fire stop has a capacity of up to 100% for holding cables. All cables can be led through the fire stop without diameter restrictions, as well as glass fibre cables, hollow plastic pipes (up to a diameter of 50 mm) and single control cables made of steel, copper or plastic (up to 15 mm diameter).