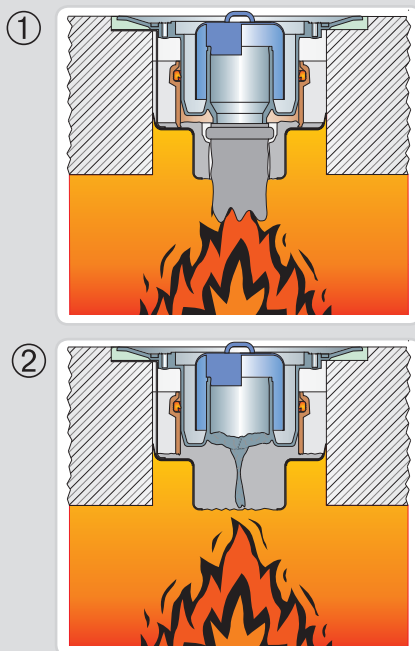
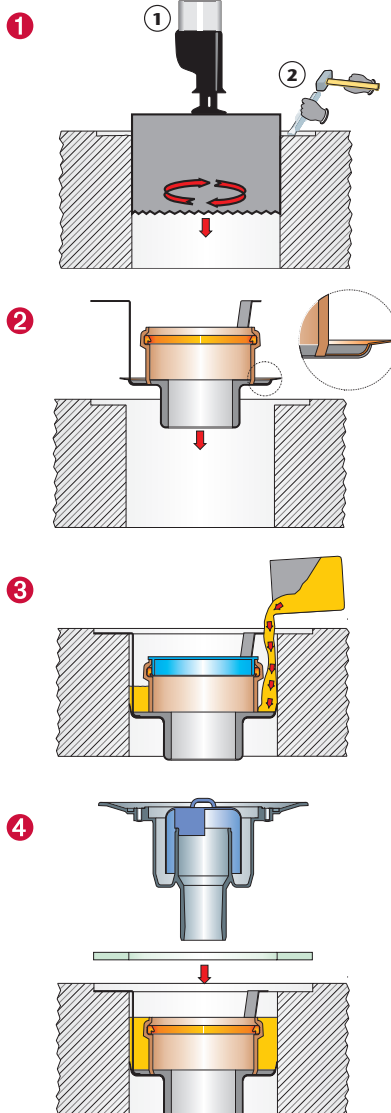


HL - Fire protection



This assembly prevents the spread of fire to another floor. Intumescent material in the metal housing starts to expand at 150° C and completely seals the fire-path through the deck. Heat, flame and smoke cannot pass.

- 1 Drill a tapping hole
- 2 Insert the fire collar
- 3 Seal the interspace with mortar MG II or III
- 4 Install and complete the drain



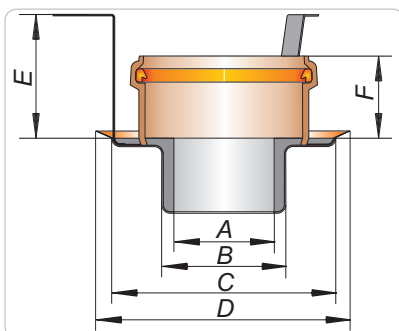
The alternative to tapping holes:
the suitable ceiling feed
made of styrofoam
Available 2004



* Molded padding made of coated styrofoam for the necessary omittance. Comes with centering ring.

[Approved
rating R 120/90
certificate-no.: Z-19.17-1543
Safety!]

Sizes

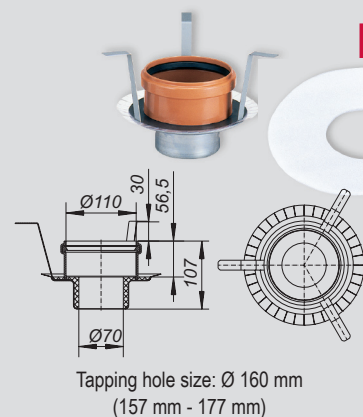


	A	B	C	D	E	F
Installation kit HL830	Ø 70 mm	Ø 87 mm	Ø 138,5 mm	Ø 164 mm	90 mm	53 mm (± 0,5)
Installation kit HL840	Ø 70 mm	Ø 87 mm	Ø 157 mm	Ø 189 mm	88 mm	56 mm (± 0,5)
Installation kit HL850	Ø 92 mm	Ø 110 mm	Ø 197,5 mm	Ø 227 mm	123 mm	83 mm (± 0,5)
Installation kit HL860	Ø 130 mm	Ø 156,5 mm	Ø 243 mm	Ø 270 mm	160 mm	103 mm (± 0,5)

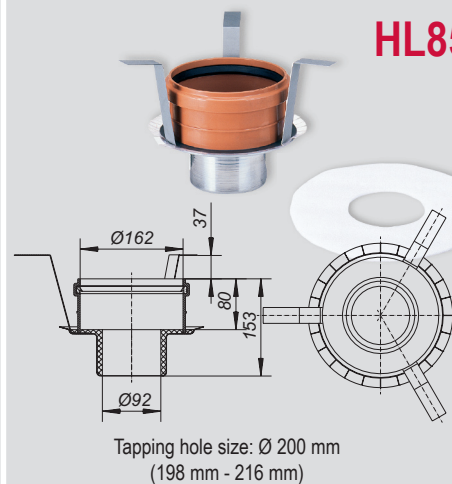
HL830



HL840



HL850



HL860

