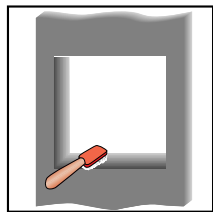
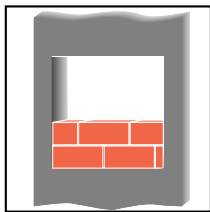


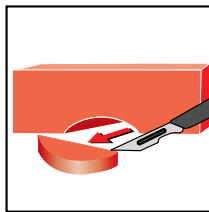
Installation instructions for CP 657



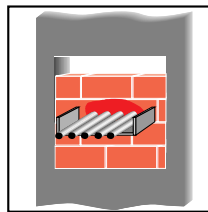
1. Clean opening



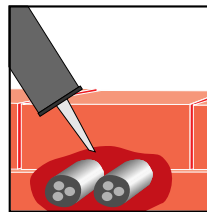
2. a) Build up blocks



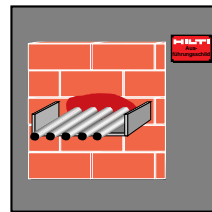
2. b) Cut blocks to size for penetrations in place



3. Build up blocks



4. Fill gaps with FS-ONE



5. Fasten installation plate in place (If required)

Opening

1. Clean the opening. Penetration and penetration supporting structures must be installed in compliance with local building and electrical standards.

Application of FIRE BLOCKS

- 2a. If no penetrations are located (temporary firestop), build up FS 657 FIRE BLOCK firmly seated, within opening.
 - 2b. If penetrations are located (permanent firestop), build up FS 657 FIRE BLOCK firmly seated, while cutting blocks with a knife to suit the placed penetrations.
3. Finish building up FIRE BLOCKS until entire opening is filled.
 4. Completely fill cable spaces, gaps between blocks and pipes, and joints with FS-ONE Firestop Sealant.
 5. For maintenance reasons, a penetration seal could be permanently marked with an identification plate. In such a case, mark the identification plate and fasten it in a visible position next to the seal.

Re-installing cables or other penetrations

- Remove or cut the block from the seal.
- Install the penetrant and re-lay the block in compliance with the approval. Fill gaps and spaces with FS-ONE. Single cables can be run through joints between blocks or a hole can be drilled through a block using a sharpened piece of metal pipe or tubing.

Notice about approvals

- When making a cable seal using Hilti FS 657 Intumescent FIRE-BLOCK, national approvals must be observed. Please refer to the UL Directory or the Hilti Firestop Manual for restrictions as to opening size, type and thickness of wall or floor, maximum cable diameter, etc.

Not to be used...

- In wet rooms, outdoors or exposed to the weather or UV radiation (can be done only after applying an additional silicone coating, i.e. CP 601s).

Safety precautions

- Keep out of the reach of children.
- Read the material safety data sheet.

Storage

- Store only in the original packaging in a location protected from moisture and direct sunlight.