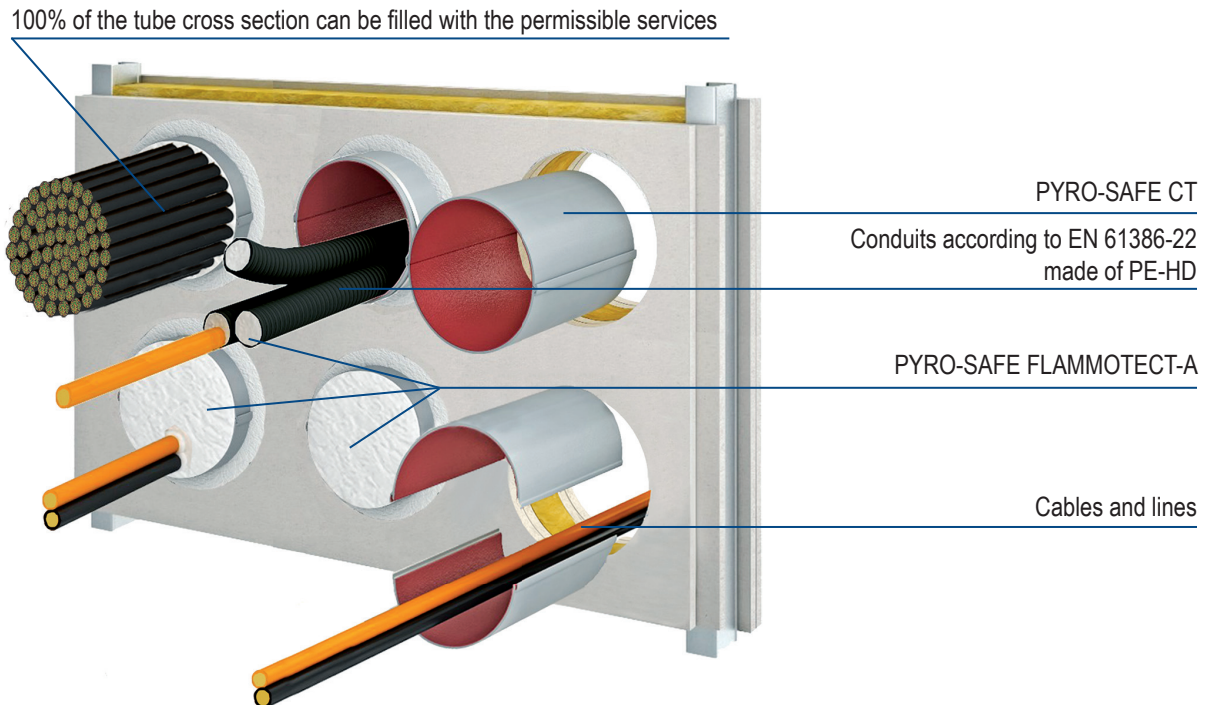


PYRO-SAFE CT

The simple penetration sealing system with just one 'click' for existing cable and conduit transits and new installations, comprising 2 half-shells with an inner lining of PYRO-SAFE DG-CR SK fireproof fabric, 2 plugs, and a seal with ablative fireproof coating. Fire rating EI 30 - EI 120 in accordance with DIN EN 13501-2.



Subject to errors, typographical errors and modifications. The specified details reflect the state of the art / the effective standard at the time of printing (09/2014). Please let us know when you need information about the legal and technical requirements or the manufacturer's specification that apply to your specific case. © Copyright svt Unternehmensgruppe, Seevetal. PYRO-SAFE is a registered trademark © of svt Unternehmensgruppe, Seevetal.

System characteristics

Applications

Fire stop system for sealing cable penetrations in plasterboard walls, solid walls and floors.

Characteristics

Resistant to fire and flue gases; forms a layer of expanded-graphite-based insulating foam in the event of fire. Outstandingly easy to install.

Fire rating of components

Up to 2 hours integrity and insulation according to EN 13501-2

Applicability certificate

Approved by Deutsches Institut für Bautechnik, Berlin (DIBt).

- ETA-13/0821
- ETA-16/0016

Conduits

Cables

Technical Data

Allowed services

Depending on design, services such as electrical cables and conductors (excluding so-called waveguide cables) and fibre-optic cables, cable bundles and cable conduits with and without cables, Combined lines for split HVAC-units, Gabocom "speed pipe" bundled or single pipes and PVC-U conduits (U/U) can be protected.

100% of the tube cross section can be filled with the permissible services.

Particular points to note

Must only be fitted and used in accordance with the installation instructions.

Retrospective installation

Cables and conductors can be installed at any time without difficulty using basic tools.

Fire ratings for wall and floor penetrations.

Fire ratings depend on structural elements, configuration, length of PYRO-SAFE CT and may additional measures.

PYRO-SAFE CT	Length 150		Length 200		Length 300		
	wall	floor	wall	floor	wall		floor
Structural elements							
Services	Element thickness						
	≥ 100 mm	≥ 150 mm	≥ 100 mm	≥ 150 mm	≥ 100 mm	≥ 150 mm	≥ 150 mm
Cable dia. up to 21 mm	EI 90	EI 120	EI 120	EI 120	EI 120	EI 120	EI 120*
Cable dia. > 21 mm - dia. up to 50 mm	EI 45	EI 45	-	EI 45	EI 60	EI 90	EI 120*
Cable dia. > 50 mm - dia. up to 80 mm	-	-	-	-	-	EI 90	EI 60
Cable bundles dia up to 107 mm with cable dia. up to 21 mm	EI 90	EI 60	EI 120	EI 60	EI 120	EI 120	EI 120
Conduits up to 3 pcs. conduit Ø ≤ 32 mm each with/without Cable Ø ≤ 14 mm	EI 90	EI 90	-	-	-	-	-
Conduit bundle dia. up to 107 mm with conduit dia. 16 mm - 32 mm with/without cable dia. up to 21 mm	-	-	EI 120	-	EI 120	EI 120	EI 120*
PVC-U conduits ext. dia. 20 mm x wall thickness 1.5 mm to 32 mm x wall thickness 2.4 mm	-	-	-	-	EI 120	EI 120	-
Combined lines for split HVAC-units; pipe 1/pipe 2 outside-Ø 6 mm -10 mm/10 - 18 mm + max. 9 mm thick insulation made of PE foam + PE-100 outside-Ø ≤ 25 mm, t 1,5 mm (u/u) + max 3 cables Ø ≤ 14 mm	EI 90	EI 90	EI 90	EI 90	EI 90	EI 90	-
Combined lines for split HVAC-units; pipe 1/pipe 2 outside-Ø 6 - 22 mm/6 - 22 mm + max. 9 mm thick insulation made of PE foam + PE-100 outside-Ø ≤ 25 mm, t 1,8 mm + max 3 cables Ø ≤ 14 mm	-	EI 120	-	EI 120	-	-	EI 120
Gabocom "speed pipe" bundled or single pipes, with or without glass fibre Max. 24 ea., outside pipe Ø ≤ 7 mm Max. 7 ea., outside pipe Ø ≤ 10 mm Max. 5 ea., outside pipe Ø ≤ 12 mm	-	EI 120	-	EI 120	-	-	EI 120

* floor 200 mm (CT 300 oder 2 x CT 150)

Components

- PYRO-SAFE CT - Cable Tube
- PYRO-SAFE FLAMMOTECT-A filler
- PYRO-SAFE NOVASIT BM
- PYRO-SAFE NOVASIT K2
- Tensioning straps (in plasterboard)
- Plaster / cement mortar
- Label