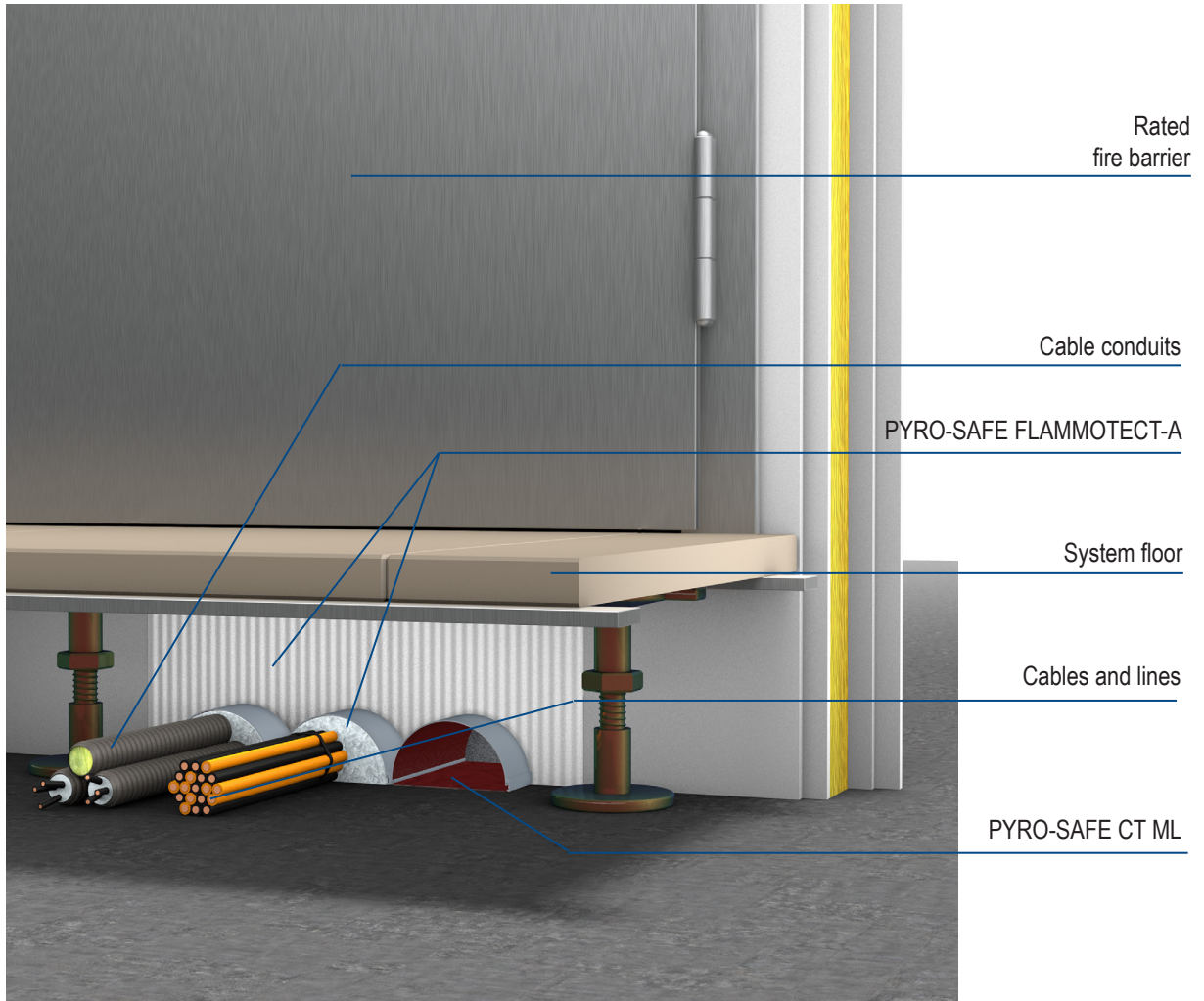


PYRO-SAFE CT ML

PYRO SAFE CT "system floor penetration seal" system variant for existing cable/electrical conduit penetrations and for new installations.

Fire rating EI 30 - EI 120 in accordance with EN 13501-2

Application example



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Subject to errors, typographical errors and modifications. The specified details reflect the state of the art/the standard in effect at the time of printing (02/2016). 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. Layout: svt Brandschutz Vertriebsgesellschaft mbH International - Marketing

System features

Applications

Easy installation makes this system an economical fire protection barrier for existing cable/able bundles/electrical conduit penetrations and for new installations in the system floor area.

Properties

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

Fire resistance class

EI 30 - EI 120 in accordance with EN 13501-2

Applicability certificate

Approved by Deutsches Institut für Bautechnik, Berlin.

ETA-16/0016

Cable

Technical data

Permissible services

Depending on design, services such as electrical cables and lines (excluding so-called waveguide cables) and fibre-optic cables $\varnothing \leq 50$ mm, cable bundles $\varnothing \leq 100$ mm (single cable $\varnothing \leq 21$ mm) and cable conduits of PE-HD $\varnothing \leq 32$ mm with and without cables (individual cables $\varnothing \leq 21$ mm). The PYRO-SAFE CT ML can be filled to capacity.

Particular points to note

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

Subsequent installation

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

Dimensions

Arrangement	Component thickness	Barrier thickness	Barrier width	Barrier height/length
Wall	≥ 100	≥ 100	≤ 2000	≥ 80
or			≤ 2000	≤ 150

Notes on installation

Installation in rated walls, below fire doors and lightweight partition walls also possible.

The floor tiles of the system floor do not have to be rated (no requirement for the system floor's fire resistance duration).

They must only be non-flammable.

The PYRO-SAFE CT ML can be installed on one side (single-side seal with 40 mm thick melamine resin foam plugs and sealing with PYRO-SAFE FLAMMOTECT-A).

Products used

- PYRO-SAFE CT ML
 - PYRO-SAFE NOVASIT BM
 - PYRO-SAFE NOVASIT K2
 - PYRO-SAFE FLAMMOTECT-A coating
 - PYRO-SAFE FLAMMOTECT-A solid emulsion
 - PYRO-SAFE FLAMMOTECT-A filler
 - Mineral fibre board 50 mm or 60 mm pre-coated on one side with PYRO-SAFE FLAMMOTECT-A
 - Mineral fibre wool
 - Identification plate
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