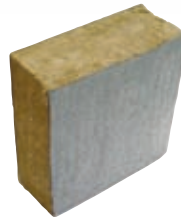




FIRE STOP BARRIERS



Fire Stop-Bag
Fire stop barrier using
intumescent bags



Fire Stop Panel
Fire stop barrier panels



Fire Stop Collar
Fire stop pipe transit
collar for plastic pipes



FSM
Fire stop barriers using
incombustible plaster



FSCP
Fire stop cover for
fluorescent fittings



FSCF
Fire stop cover for
spot lights



Fire Stop Tape

Fire stop barriers using intumescent tape for plastic pipes



Fire Stop Seal

Fire stop barrier with intumescent sealing mastic



Fire Stop Foam

Fire stop barrier expanding foam



FSCI

Fire stop barrier for switchgear covering



FSCC

Fire stop cover for boxes



FSCO T110

Metal pipe insulating mat protective barrier



Approval

Class EI 120

Non toxic and asbestos free

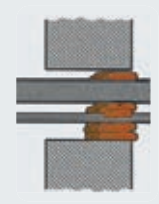
In compliance with standard
EN 1366-3

Fire Stop Bag

Fire stop barrier in an intumescent bag

Intumescent incombustible bags which stop the passage of fire through openings in walls. They are available in different sizes and they have to be placed to seal the openings, both in walls and floor slabs. At a temperature of 200°C the material starts to compact sealing the gaps thus avoiding the passage of the flames.

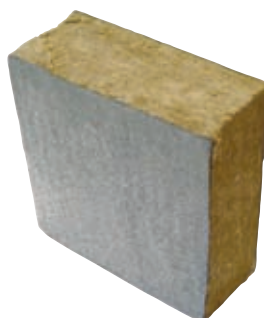
- Made from a fireproof fabric
- Contains intumescent putty seal inside



INSTALLATION
Finish and opening then lay the bags as bricks, staggered and overlapped.

For the application on plasterboard walls please contact Raytech.

Product	Bag dimensions (mm)
FSB-11	250 x 100 x 25
FSB-12	250 x 200 x 35
FSB-13	250 x 300 x 35



Approval

Class EI 120

Non toxic, asbestos and solvent free

In compliance with standard
EN 1366-3

Fire Stop Panel

Fire stop barriers in panels

Incombustible panels treated on the surface with putty to stop the passage of fire through openings in walls. This product allows for the sealing of cavities in walls safely and cost effectively.

- Manufactured from Rockwool
- Coated with putty
- Resistant to mould and bacteria



INSTALLATION
Finish and clean the opening edges then cut the panels with a cutters and position them in the opening. The edges and the jointing lines, as well as the interstices among the cables, are sealed and covered with FIRE STOP SEAL FSS sealant.

For the application on plasterboard walls please contact Raytech.

Product	Dimension (mm)
FSP-11	600 x 500 x 52



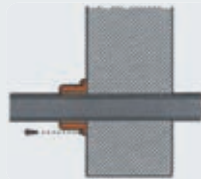
Fire Stop Collar

Fire stop transit collar for plastic pipes

Fire stop barrier transit collar for plastic pipes (minimum wall thickness 200mm). Available in a wide range of dimensions to surround pipes that pass through walls.

- Stainless steel outer band
- Contains intumescent putty seal inside

Product	Ø (mm)
FSC 11	from 50 to 110
FSC 12	from 110 to 160
FSC 13	200
FSC 14	250



INSTALLATION

No special care is required: the collar, when opened, is positioned around the duct, closed and fastened by means of inserts

For other dimensions and installation please contact Raytech.



Approval

Class EI 120
Non toxic and asbestos free

In compliance with standard EN 1366-3

Fire Stop Tape

Fire stop barrier in an intumescent transit tape for plastic tubes

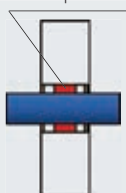
Preformed intumescent transit tape with high expansion properties for plastic pipes (PVC, PE, PP, etc). The heat from a fire causes the tape to expand and fill voids thereby preventing fire propagation.

Product	Range of diameters on the tube (mm)	Length (m)
FST 250/40/1000	da 40 a 250	1

RECOMMENDATION

The solution is 1m long, and it can be cut at the required length, saving the remaining parts for a future application.

Intumescent
tape



Plastic tube

INSTALLATION

They do not need particular care; the tape is applied around the plastic tube, according to the diameter, between the tube and the hole in the wall. It can be useful to seal the edges of the hole with FIRE STOP SEAL FSS sealant.



Approval

Class EI 120
Non toxic and asbestos free

In compliance with standard EN 1366-3



Approval

Class EI 120

Non toxic and asbestos free
Does not emit toxic gases
and dense fumes

In compliance with standard
EN 1366-3

Fire Stop Seal

Fire stop barrier in intumescent sealing mastic

Intumescent mastic to seal and close small voids in walls, also in addition to other types of barriers. It is applied to seal a void or to provide a barrier in a cable duct.

- A polymer compound with fireproof fibres and intumescent in an aqueous solution
- Non-hygroscopic and thixotropic
- Can be applied with a spatula

Product	Package
FSS 310	0,3 kg cartridge
FSS 10	Spatula type, 10 kg drum

INSTALLATION
Once the edges of the opening have been finished and cleaned, the sealant putty is put in place with a spatula in the case of boxed product, or with a spatula or silicone gun for cartridge product.

For other dimensions or the application on plasterboard walls please contact Raytech.



Approval

Class EI 120

Non toxic and asbestos free
Does not emit toxic gases
and dense fumes

In compliance with standard
EN 1366-3

Fire Stop Foam

Fire stop barriers in expanding foam

Sealing and expanding, one-component foam for the sealing of small openings in walls with a thickness of at least 100 mm. The expanded volume of every can is about 20 lt.

- Made from a fire resistant polyurethane based foam
- Graphite fortified
- Hardens upon contact with air
- Suitable for the protection of plasterboard walls or slabs

Product	Package
FSF 700	Spray can of 750 ml

INSTALLATION
After the edges of the openings have been cleaned, shake the can for at least 30 seconds, then turn upside down and spray the product.



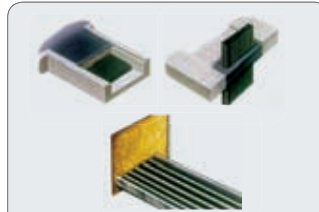
FSM

Fire stop barriers in incombustible plaster

Protective coating to seal and prevent fire propagation in wall cavities; it can be applied manually or sprayed. It can be easily mixed in big quantities with suitable mixer (e.g. concrete mixer).

- Made from mineral fibres
- Simply mix with water and with or without cement mixes
- Resistant to moisture once installed

Product	Package
FSM 20	20 kg bag



INSTALLATION

After the edges of the openings have been finished and cleaned, the incombustible plaster is mixed with water, than applied manually, with a trowel or a pump, and left to dry in air. Water quantity: about 0,85 lt/kg (volume 1 kg = about 2,5 dm³).

For other applications please contact Raytech.



Approval

Class EI 180
Non toxic and asbestos free
Does not emit toxic gases and dense fumes

In compliance with standard EN 1366-3

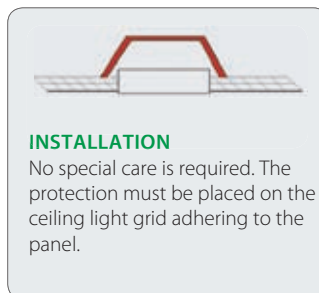
FSCP

Fire stop barriers for ceiling lights

Fireproof barriers for fluorescent lights in suspended ceilings. Maintains conditions of fire resistance of ceilings and suspended ceilings. Slightly reduces the temperature in the space between the ceiling and the ceiling panel.

- Made from non-toxic mineral fibres
- Prevents propagation
- Flexible, light and self-supporting, easy to install and to remove

Product	Dimension (mm)	Weight (kg)
FSCP 600	720 x 750 x 150	1,7 about
FSCP 1200	1330 x 720 x 140	3,5 about



INSTALLATION

No special care is required. The protection must be placed on the ceiling light grid adhering to the panel.



Approval

Class EI 120
Non toxic and in compliance with standard EN 1365-2 • 1363-1



FSCF

Fire stop hoods for downlighters

Fireproof dome shaped hood for downlighters in suspended ceilings. Maintains conditions of fire resistance of ceilings and suspended ceilings. Prevents fire propagation and slightly reduces the temperature in the void between the ceiling and the suspended ceiling.



Approval

Class EI 120

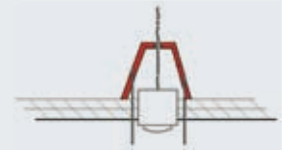
Non toxic

It expands up to 5 times

In compliance with standard
EN 1365-2 • 1363-1

- Made from non-toxic mineral fibres
- Resistant to fire and expandable compounds
- Prevents lamp overheating
- Flexible, light and self-supporting
- Easy to install and to remove

Product	Dimension (mm)	Type
FSCF 250	250 x 280	Cone-shaped
FSCF 350	350 x 230	Dome-shaped



INSTALLATION

No special care is required. The protection must be placed on the spotlight, adhering to the panel.

For other dimensions please contact Raytech.



Approval

Class EI 120

Non toxic

In compliance with standard
EN 1364-1

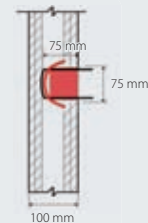
FSCI

Fire stop barrier to cover switchgear

Intumescent, fireproof barrier to cover switches and to maintain the fire resistance of walls. Compatible with standard enclosures. Reduces the temperature of cavities within plaster-board walls.

- Made with fireproof fibres and intumescent materials
- Protects from fire propagation

Product	Dimension (mm)
FSCI 150	150 x 150



INSTALLATION

No special care is required. The protection must be placed on the box, adhering to the wall.



FSCC

Fire stop barriers for covering enclosures

Fire protection system for electrical enclosures and junction boxes. These protect plaster-board wall compartments from heat and fire propagation.

- Made from calcium silicate
- Containse nclosure

Product	External dimension (mm)	Internal dimension (mm)
FSCC 150	150 x 120 x 75	110 x 80 x 55

INSTALLATION

After the opening edges have been finished and cleaned, the protection is properly placed and fixed to the wall by means of screws and putty.



Approval

Class EI 120

Non toxic and asbestos free
Does not emit toxic gases and dense fumes

In compliance with standard EN 1364-1

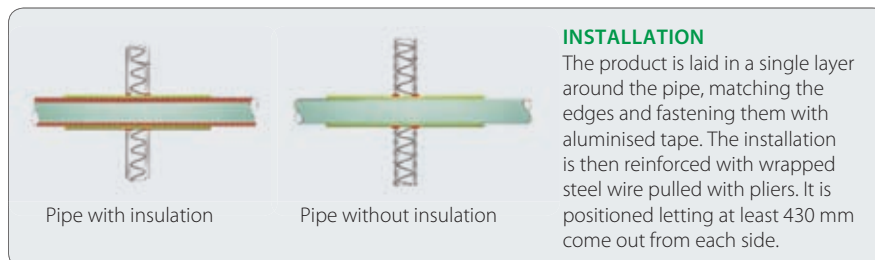
FSCO T110

Metal pipe insulating mat protective barrier

The FSCO T110 barrier is made up a flexible and easily conformable, highly fire resistant insulating mat. It is clad with an aluminium sheet and protects insulated or non-insulated metal piping in wall crossings. The product is cut and modelled with ease, wrapped in a single layer around the pipe, and then closed with aluminised tape. Protects metal piping crossing walls or slabs, preventing longitudinal transmission of heat and fusion of any insulating material.

- Composed of fibres free of any resins or organic binders
- For wall thicknesses of at least 125 mm

Product	Colour	Width	Thickness	Length
FSCO T110	Aluminium	1 m	20 mm	10 m



INSTALLATION

The product is laid in a single layer around the pipe, matching the edges and fastening them with aluminised tape. The installation is then reinforced with wrapped steel wire pulled with pliers. It is positioned letting at least 430 mm come out from each side.



Approval

Class EI 120

Non toxic and asbestos free

In compliance with standard EN 1366-1 • EN 1366-3 • EN 1366-5