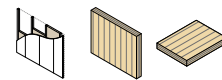# MASS

INTUMESCENT BRICK FOR MECHANICAL AND ELECTRICAL TECHNICAL PENETRATIONS

INTUMESCENT
Made of polyurethane foam, MASS expands on contact with fire and forms an insulating barrier that counteracts the spread of flames.
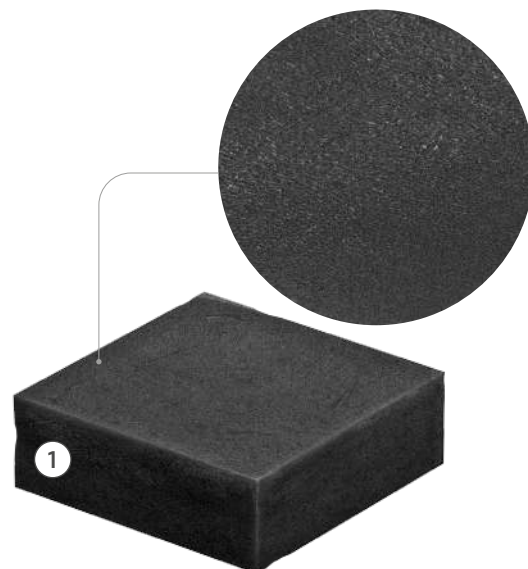
ADAPTABLE
Easily compressible, it is ideal for use in cable, pipe and mixed penetrations in various-shaped crossings.
Easily shapeable with a simple cutter, it is ideal for construction sites where the design specifications are unknown.

REMOVABLE
In case of maintenance or changes to the installation, MASS can be easily removed and repositioned.

COMPOSITION

1 intumescent polyurethane foam ("Firefill")

CODES AND DIMENSIONS

CODE	dimensions [mm]	dimensions [in]	
MASS150	150 x 150 x 50	5 7/8 x 5 7/8 x 2	12

TECHNICAL DATA

Properties	value	USC units
Weight	250 g	0,55 lb
Density	240 kg/m^3	0,14 oz/in^3
Thermal conductivity λ	0,062 W/m·K	0,04 BTU/(h·ft·°F)
Fire resistance rating on CLT floor[1]	EI60	–
Fire resistance rating on CLT wall[1]	EI120	–

[1]EN 1366-3 standard. For full details and tested configurations, please refer to the manual or contact our technical department for updates on new tests.
The product remains stable when stored under normal conditions.

🗑 Waste classification (2014/955/EU): 07 02 13.

FIELDS OF APPLICATION

- cables in cable tray
- cables in corrugated tubes, possibly bundled
- combustible pipes
- multilayer pipes, possibly bundled
- insulated and non-insulated metal pipes
- insulated copper pipes
- mixed penetrations (including fire dampers)

FIELDS OF APPLICATION

PLUMBING				
	bundled multilayer	insulated steel	non-insulated steel	insulated copper
non-flush wall pipes				
non-flush floor pipes				-

ELECTRICAL and TELECOMMUNICATIONS		
	in-wall wiring	in-floor wiring
cable tray		

RECOMMENDATIONS FOR INSTALLATION

1	Insert MASS inside the crossing to be sealed. Make sure the thickness matches the specifications in the technical data sheets
2	If necessary, cut the product using a cutter to properly seal the gaps
3	Use the material until the crossing is completely filled
4	Seal any gaps with GRAPHIT FOAM sealant

RELATED PRODUCTS

FIRE STRIPE GRAPHITE PRO
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UNICOLLUM
page 326

CUTTER
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