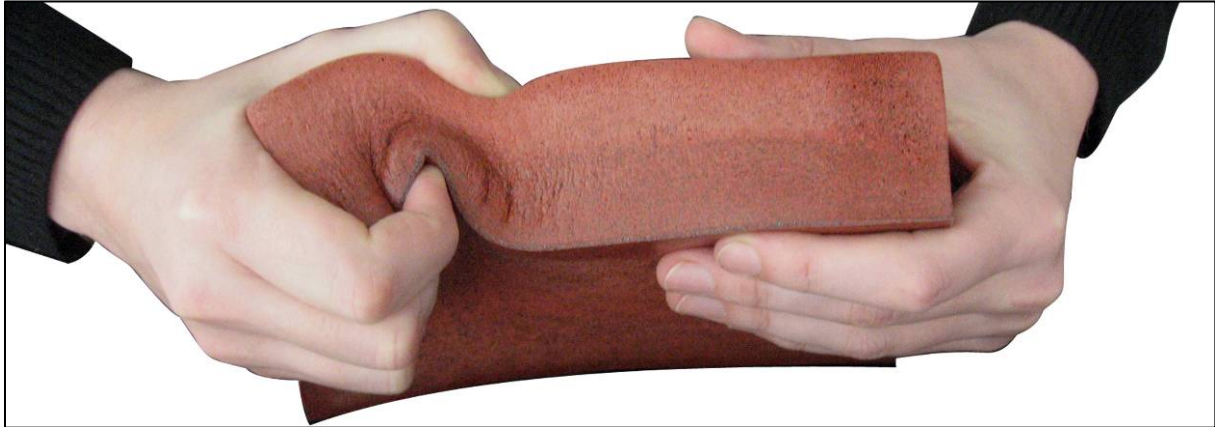
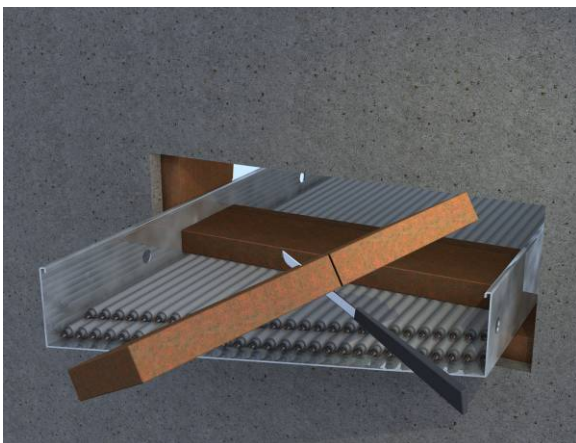


IBMO Expanding fire sponge stones



The IBMO expanding fire safe foam stones are specially developed for single and multiple cable entrances. All components are halogen free, and applicable in floor and wall mounted situations. When exposed to fire, the foam expands to 100 % its original volume so cracks and openings automatically will be sealed and eliminates further spread of smoke and fire. IBMO expanding fire safe foam stones are very easy to handle, no special engineering is needed, quick to install, easy to maintain and gives the installer simple access to add or remove cables in a later stage without disassembling the conduit opening.





INDUSTRIAL, BUILDING, MARINE, OFFSHORE

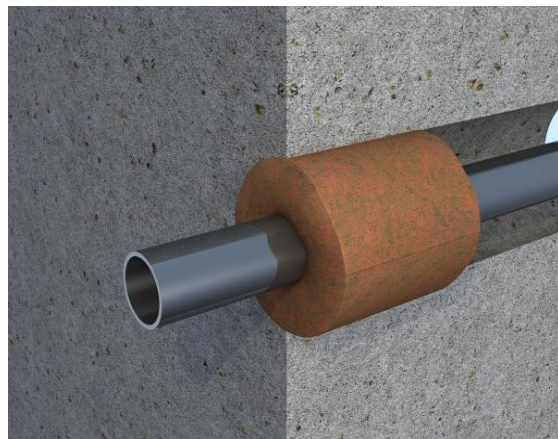
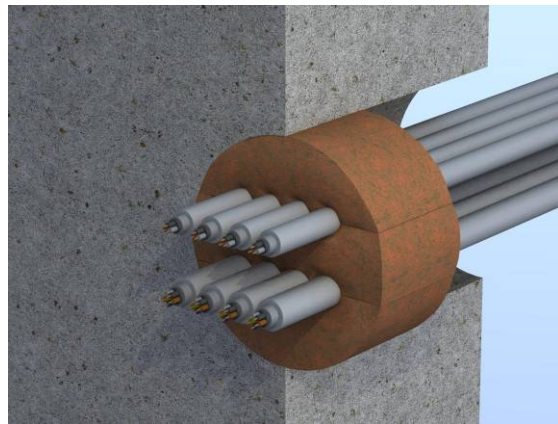
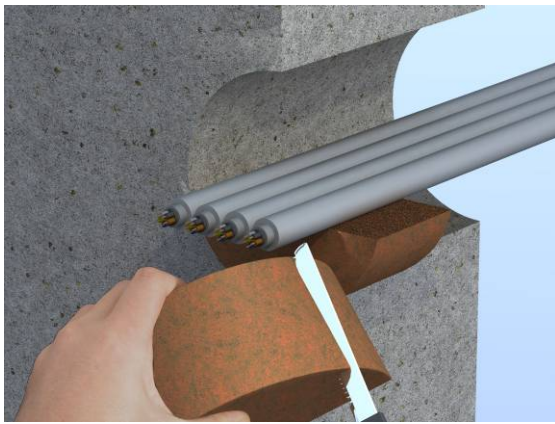
Specification

Material	IBMO flexible pre carbon – foam
Color	Red
Density	240± 10kg.m ³
Expanding properties in case of fire	More than 100%
Fire test	Tested according to the European rules and regulations EN 1366-3;2004 together with the NEN 6069:2005 . firetest 2007 . Test 120 min.

Art. no.	Size in mm
NL 01	220x150x50

IBMO Expanding fire sponge stops for cable and pipe penetrations

The IBMO expanding fire safe foam stops are specially developed for single and multiple cable entrances. All components are halogen free, and applicable in floor and wall mounted situations. When exposed to fire, the foam expands to 100 % its original volume so cracks and openings automatically will be sealed and eliminates further spread of smoke and fire. IBMO expanding fire safe foam stops are very easy to handle, no special engineering is needed, quick to install, easy to maintain and gives the installer simple access to add or remove cables in a later stage without disassembling the conduit opening.



Specifications

Material	IBMO flexible pre carbon – foam
Color	Red
Density	240± 10kg.m ³
Expanding in case of fire	More than 100%
Fire test	Tested according to the European rules and regulations EN 1366-3;2004 together with the NEN 6069:2005. fire test 2007. Test 120 min



Art. no.	Opening mm	Diameter tolerance D1/D2 mm	Height in mm
FS 01	50	55/70	70
FS 02	80	85/100	70
FS 03	100	105/120	70
FS 04	125	130/145	70
FS 05	150	155/170	70
FS 06	200	205/220	70



INDUSTRIAL, BUILDING, MARINE, OFFSHORE

IBMO Sealing Mastic

The IBMO Sealing Mastic is the perfect solution for sealing of pipes or cables, applicable in new construction and maintenance programs. Adding or removing pipes / cables is very easy with the IBMO Sealing Mastic. The sealing mastic is available in carton tubes of 600ml, packed six of each to the carton.

Simplicity of installation:

The sealing mastic is simple to apply, no special tools, trainings are required, pre engineering is a thing of the past, take the necessary mastic composition needed for filling the conduit opening, the mastic composition in non-hardening, stay's mastic and pliable makes it suitable for use of off common or special constructions, is flexible all the time.

Sealing options:

Has highly adhesive properties to concrete, steel, aluminum, copper, plastic pipes, communication cables and heavy power installations, excellent performance when exposed to fires, suitable of any kind in combustible constructions that need the protection of high quality expanding mastic can provide.

Specification data:

The sealing compound bearing the rules and regulation needed of all necessary fire classification documents required, is free of silicone ingredients, special safety data sheet non, corrosion non, is free of halogens, hazardous materials non, solvents non, special handling non, IMO / DOT freight data documents not required.

(Additional information available up on request) . Please see our Safety Data Sheet.





INDUSTRIAL, BUILDING, MARINE, OFFSHORE

SAFETY DATA SHEET

<u>Product name:</u>	IBMO / Fire stop Sealing Mastic.
<u>Product code:</u>	OP 600 Color Dark Red.
<u>Classified:</u>	Sealing method Marine Offshore IMO A754(18) H 0 – H 60 – H 120. Building
<u>Fire classified:</u>	60 and 120 minutes.
<u>Endothermic Fillers:</u>	Absorb heat and release water.
<u>Highly adhesive:</u>	Stays putty allows movements.
<u>Water resistant:</u>	Unaffected by humidity, condensation, water.
<u>Sound resistant:</u>	Tested and proven acoustical properties.
<u>Hardening:</u>	Remains flexible.
<u>Expanding properties:</u>	Provides extremely fast and aggressive expansion.
<u>Temp.:</u>	Normal storage
<u>Halogens:</u>	Non.
<u>Silicone:</u>	Non.
<u>Solvents:</u>	Non.
<u>Hazardous material:</u>	Non.
<u>Liquids:</u>	Non.
<u>Special safety:</u>	Non.
<u>Special handling:</u>	Non.
<u>Transport protection:</u>	Non.
<u>IMO / DOT data sheet:</u>	Non.

IBMO Pyro Putty



For specifications please see our Safety Data Sheet.

IBMO Pyro

<u>Properties:</u>	<u>Standard code:</u>	<u>Values:</u>
<u>Fire Class:</u>	A60, A30, A15 and A0	
<u>Color:</u>	Grey to Black	
<u>Cartridge:</u>	in 310ML	
<u>Specific weight:</u>	DIN/EN 52 451	1.50 g/cm ³
<u>Tack-free time</u>		approx 20-30min. after 1 day 2mm after 7 days 5mm
<u>Volume change:</u>	DIN/EN 52451	- 2%
<u>Joint movement:</u>		Capability 25%
<u>Elastic modules:</u>	100%	0.3N/mm ²
<u>Tensile strength:</u>	DIN/EN 28 339	0.6N/mm ²
<u>Elongation at break:</u>	DIN/EN 28 339	350%
<u>Elastic recovery:</u>	DIN/EN 27 389	>95%
<u>Application temperature:</u>		+5°C + 40°C
<u>Temperature resistance:</u>		-50°C+ 150°C
<u>Extremely resistance:</u>	DIN/EN 540-F	
<u>Weathering and ageing:</u>	DIN/EN 545-E	
<u>Transport:</u>		
<u>Special Documents:</u>		Non
<u>IMO/DOT:</u>		Non
<u>Liquids:</u>		Non
<u>Material:</u>		100% solid
<u>Shelf life:</u>		12 months

