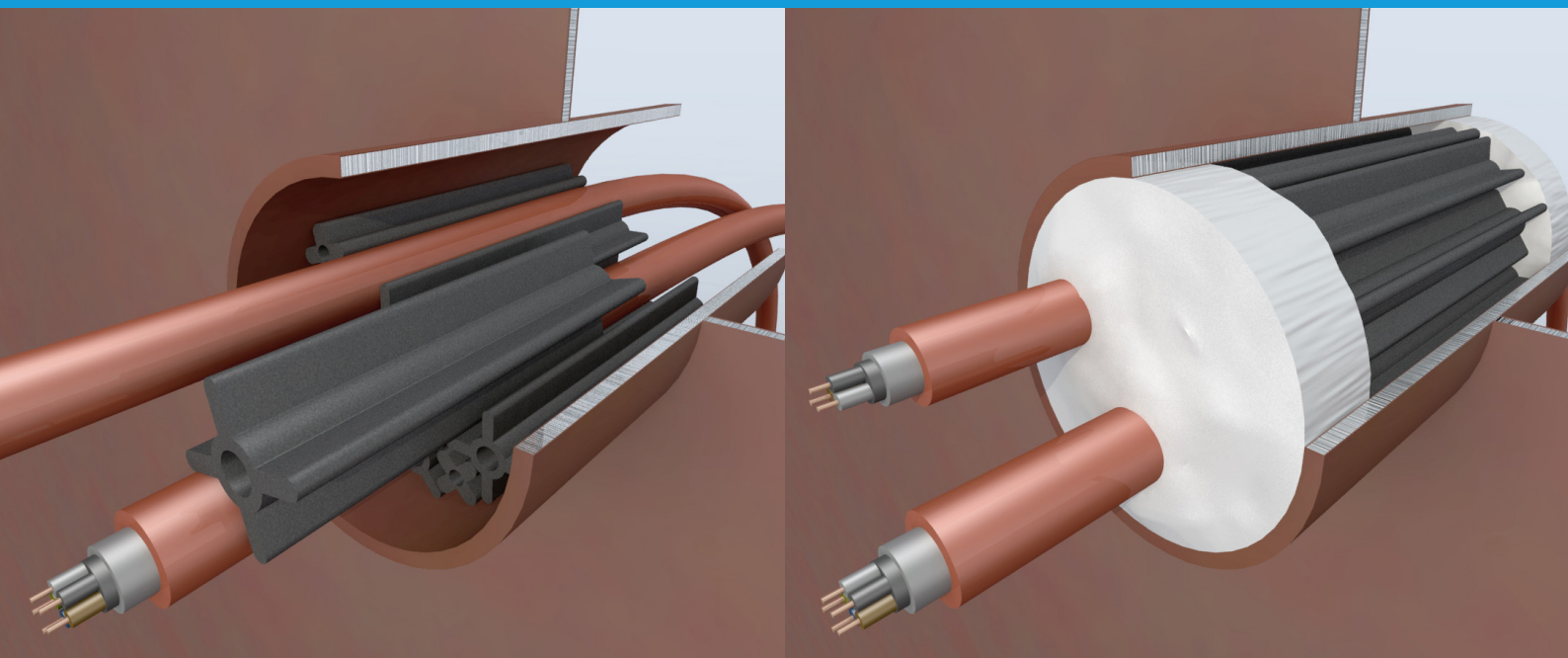# M.P.S. MULTIPLE PROFILE SYSTEM

The MPS-system, is the ideal fire resistant sealing system for cable and pipe penetrations

IMO A754(18) A0–A60
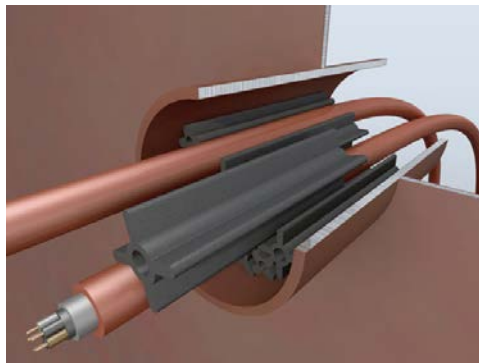
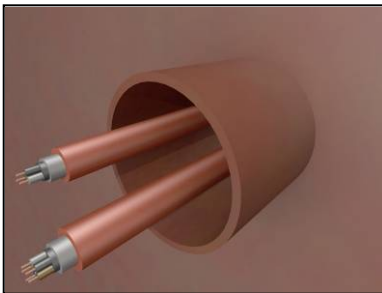IBMO ®

MPS Multiple Profile System

The MPS system is the ideal fire resistant sealing system for deck and bulkhead cable and pipe penetrations. One of the main advantages of the system is that only one type of profile is required no matter the size of the pipe or cable. This will save precious time.
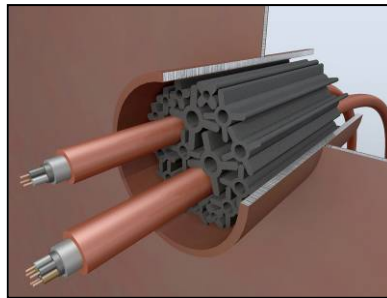

- Profiles can be used for sealing of pipe penetrations

- Profiles can be used for sealing of cable penetrations

- Tested according to IMO A754 (18) A-0 - A-60 rating

- No special tools required for installation

- Easy to insert or remove additional cables

- Gastight to 1.5 bar

When exposed to fire, the intumescent character of the profiles will expand to close the gap and eliminate further spread of smoke and fire.
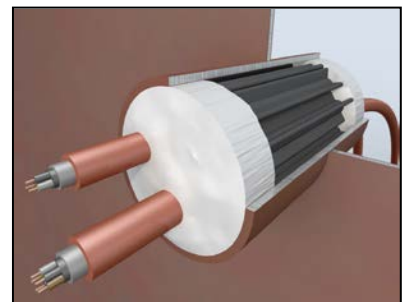
MPS Deck and Bulkhead Sealing System
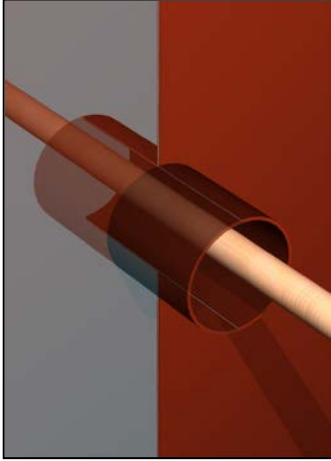

Cable pipe ready to be
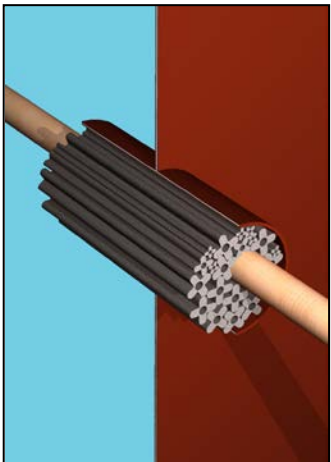filled up with profiles

Pipe filled up with profiles

Both end of the pipes filled
up with Pyro Putty sealant.
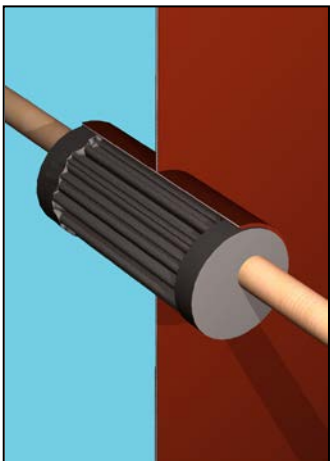
Installation

Pipe or cables can be installed through the welded in pipe sleeve.

Fill the penetration with IBMO profiles.

The length of the profiles depends on the length of the welded in pipe sleeve minus 40mm. Leave 20mm space on each side of the coming.
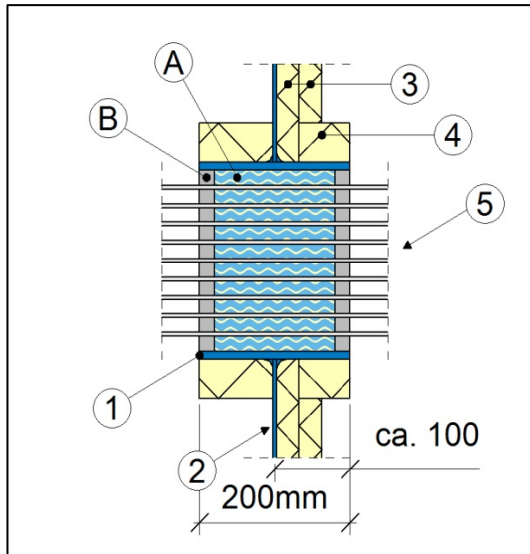

Fill up the space on both sides of the penetration with Pyro Putty sealant and a fire- and watertight penetration is created.

MATERIAL SAFETY DATA SHEET

IBMO HF PROFILES

Material name	: Multiple Profile System
Material color	: Grey to Black
Product processing	: Extrusion contains no Formaldehyde
Product type	: Star/Clover Profile in various lengths
Composition	: Halogen Free Rubber Compound
Special additives	: 10 – 15% by weight
Color Material	: 20 – 25% by weight
Ozone properties	: Good to Excellent
Flame retardant/Fire Resistance	: Good
Toxicity	: Non Toxic
Stability Stable	: When stored at 40 deg C. Safe in normal conditions
Hazard identifications	: Non Hazardous, no special warning required
First aid measure	: Special measures not required
Transport	: Special arrangements not required
DOT-IMO	: Special identification or documents not required
Handling	: Additional safety not required
Shelf Life:	: Not Applicable

Bulkhead penetration

Deck penetration

MPS SYSTEM

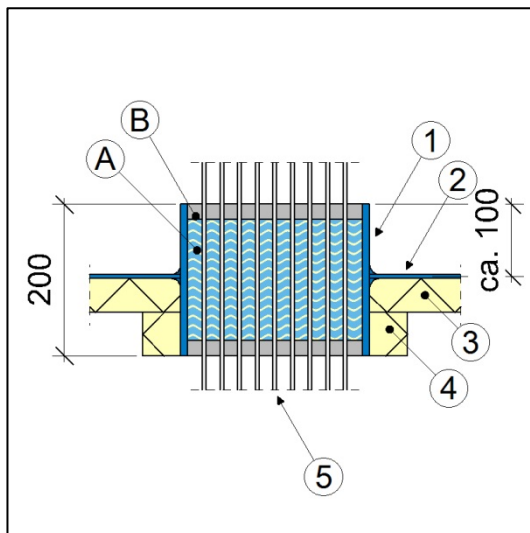Approved sealing system for cable and pipe penetrations.

Type of use

Fire resistant sealing system for deck and bulkhead cable and pipe penetrations.
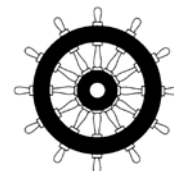
Properties

- Maintenance can be easily done
- No special tools required
- Only one type of profile for all cable sizes
- Tested according to IMO A754(18)
- A0 – A60 rated
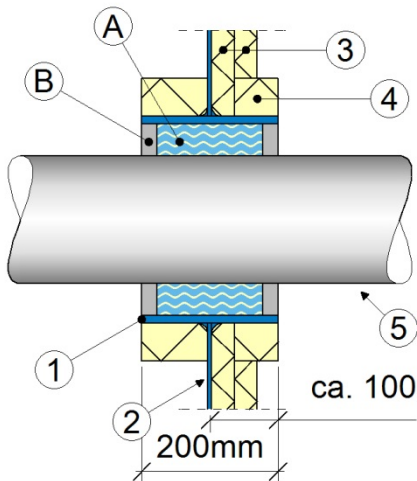- Filling rate 40%
- Water tightness 3,5 bar

Legend:

    A. Profiles
    B. Pyro Putty 20 thk

    1. Steel coaming 200 long
    2. Steel plate
    3. Deck: 50mm insulation
       Bulkhead: 2 x 30mm insulation
    4. Insulation
    5. Cables

Bulkhead penetration

Deck penetration

MPS SYSTEM

Approved sealing system for cable and pipe penetrations.

Type of use

Fire resistant sealing system for deck and bulkhead cable and pipe penetrations.

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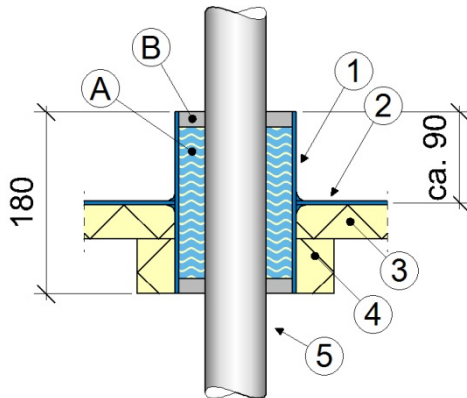- Filling rate 40%
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