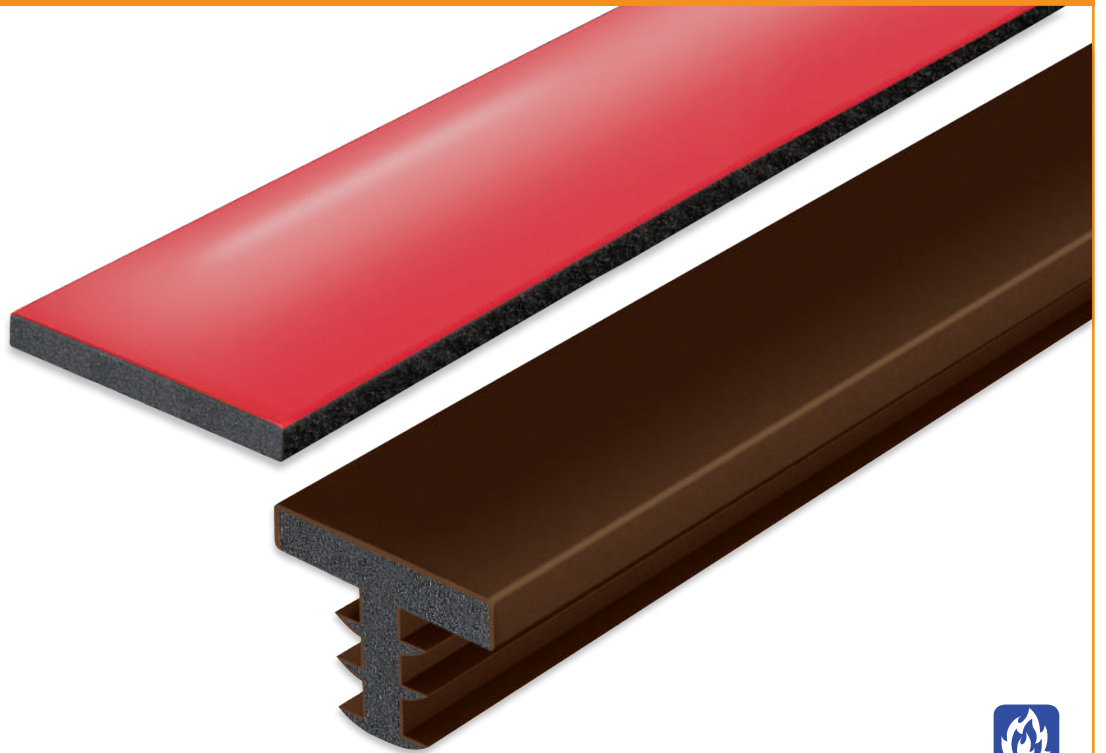


Flexible **intumescent** seals  
with color finishing

GB / 1.61 / Rev. 2

# FLEXILODICE PM & PM QS



odice  
PASSIVE FIRE PROTECTION

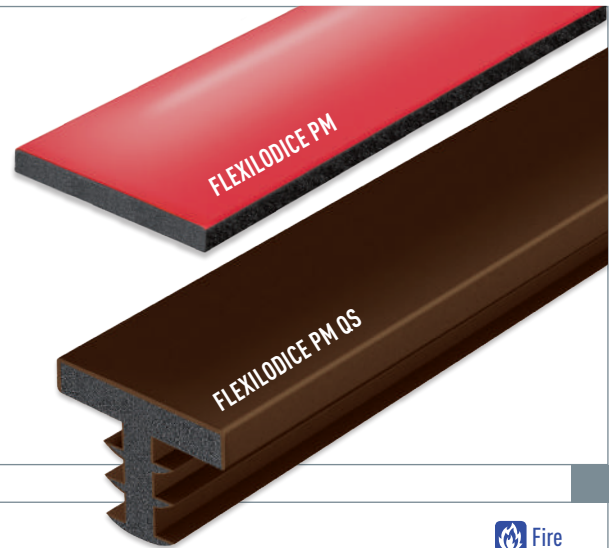


## Product description

**FLEXILODICE PM** are a co-extruded graphite-based intumescent seal with a coloured layer.

**FLEXILODICE PM QS** version has been designed especially for mechanical fixing into a groove. When exposed to fire the seal expands to at least 8 times its initial thickness.

The micro porous layer formed during expansion prevents the passage of any flames, smoke or hot gases.



## Features

The intumescent seal **FLEXILODICE PM & PM QS** presents the following characteristics:

- Flexible
- Resistant to water
- Forms a robust micro porous fire resistant layer
- Delivered in rolls or in cut strips
- Easy to cut

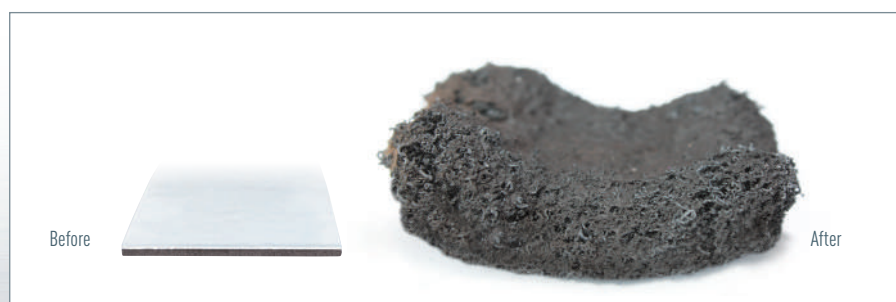


## Technical data

Physical properties	FLEXILODICE PM 2 mm
Expansion activation temperature	180°C
Foaming height (30 min. at 550°C)	at least 8 times initial thickness
Expansion pressure (at 350°C)	≥ 0.13 N/mm <sup>2</sup>
Areal weight	3,40 kg/m <sup>2</sup>

Average values measured by the laboratory IBMB MPA Braunschweig (Germany) and reported in European Technical Assessment ETA-16/0299.

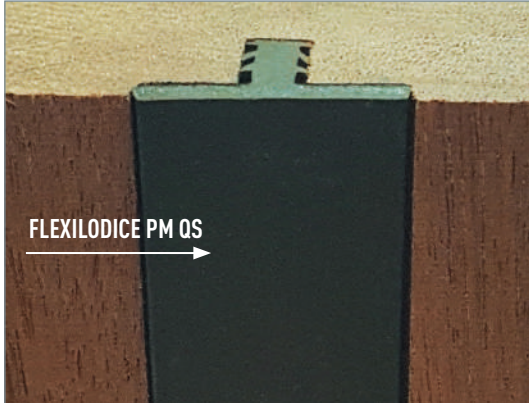
**Self-adhesive version (ref. SA): FLEXILODICE PM** can be surfaced with a self-adhesive strip to facilitate installation (specify ref. SA). This method requires the seal to be mounted in order to correctly apply the self adhesive strip on the receiving surface.



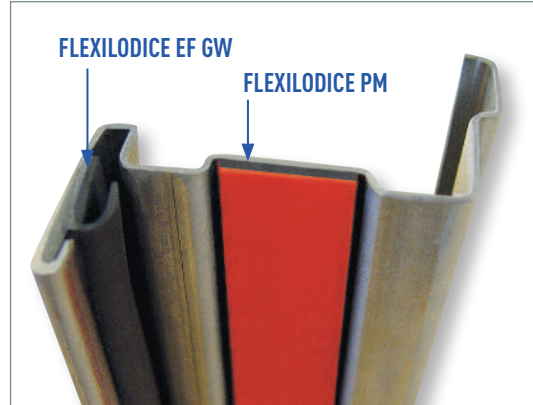
2 mm thick FLEXILODICE before and after exposure to fire.

## Applications

- Peripheral seals for fire resistant systems (doors, shutters, dampers, cabinets, partition walls, etc.).
- Enhancement of the fire resistance of construction elements.



Example of application: fire resistant door and frame.



### Colour :

The available colours of the top layer:

black, red, white, brown, brun

Other colours are also possible. Please contact us.



## Product ranges

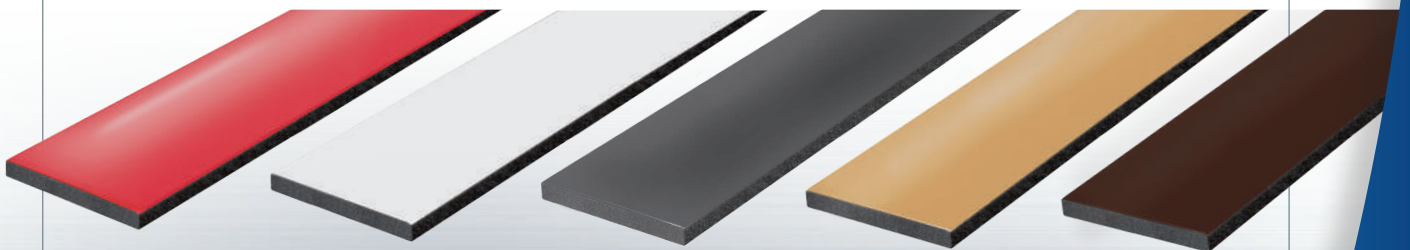
FLEXILODICE PM 2 mm in roll of 100 m	FLEXILODICE PM 1,4 mm in roll of 150 m	FLEXILODICE PM 1,7 mm in roll of 120 m	FLEXILODICE PM QS Strips lengths 2,1-3 m
10 x 2 mm	12,7 x 1,4 mm	19,8 x 1,7 mm	15 x 2 mm
15 x 2 mm	15 x 1,4 mm		20 x 2 mm
20 x 2 mm (*)			
25 x 2 mm			
30 x 2 mm			

(\*) – Available sections with the thermoplastic soil ref. FLEXILODICE PM SR, for more information please refer to the data sheet FLEXILODICE SR .

### Tolérances

Thickness (*)	+ 0,2 mm /-0,3 mm
Width	+ 0,2 mm /-0,5 mm

(\*)On the seal without self-adhesive strip



The manufacturing process makes it possible to supply other thicknesses, sections, special shapes and colour finishes. Please contact us.

## Installation

Since the intumescent **FLEXILODICE PM & PM QS** seal creates an average expansion pressure, for sealing a fire retardant door it is essential that they are fitted to the edge of the frame or door leaf. In order to achieve an aesthetically acceptable installation, **FLEXILODICE PM & PM QS** should be placed in a groove slightly wider than the section according to maximal tolerances of the seal. This groove will also serve to channel the expansion of the intumescent material. The receiving surface must be free from dust, grease and any kind of wax. Remove poorly adhering paint and check compatibility with the existing coat of paint.

The seal can be fixed by gluing or stapling but we recommend fixing by double-sided adhesive strip.

### Packaging

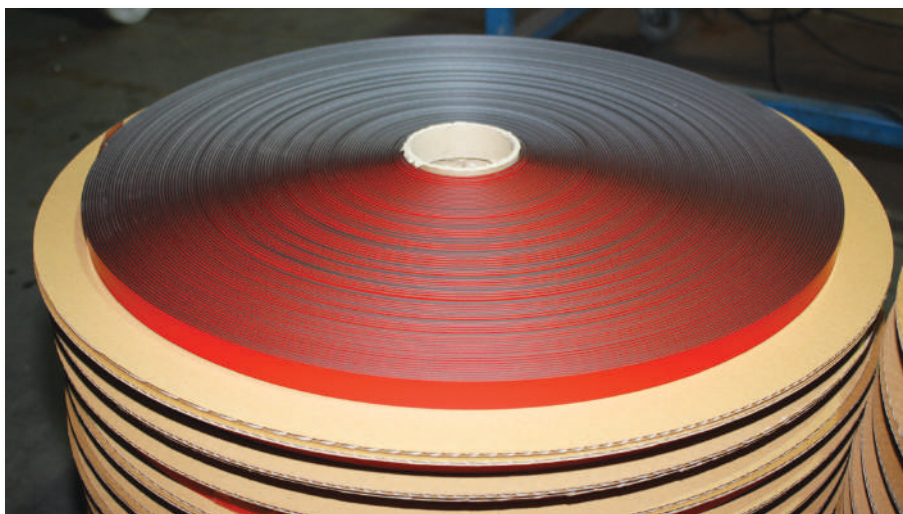
**FLEXILODICE PM & PM QS** is delivered in rolls wrapped in cardboard boxes or as pre-cut strips.

### Storage

Store in a dry well-ventilated area.

### Health and safety measures

Observe usual workplace health and safety rules. Refer to the safety data sheet of **FLEXILODICE PM & PM QS**.



Nous garantissons que la qualité de nos matériaux est conforme aux spécifications techniques indiquées. Il appartient toutefois à l'utilisateur de déterminer sous sa propre responsabilité, si ces produits conviennent à l'emploi envisagé. Il devra procéder à des essais et s'assurer lui-même de la bonne tenue en service de nos produits dans l'application concernée. ODICE n'offre aucune garantie expresse ou implicite concernant la compatibilité d'un produit avec une application quelconque. Nous ne pouvons être tenus responsables d'aucun dommage ou incident résultant de l'utilisation de nos produits.



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