

Promat

PROMASEAL®-WF
High Performing Intumescent Graphite

www.promat-tunnel.com



Advantages

- Flexible
- Easy to install
- Minimal waste
- Resistant to water

Quality assurance

Promat products are manufactured to stringent quality control systems to assure that our customers receive materials made to the highest standards.

Operating to these standards means that all activities, which have a bearing upon quality, are set out in written procedures.

Systematic and thorough checks are made on all materials and their usage. Test equipment is subjected to regular checks and is referred back to national standards.

The information given in this data sheet is based on actual tests and is believed to be typical of the product. No guarantee of results is implied however, since conditions of use are beyond our control.

Introduction

PROMASEAL®-WF is a thermo-expanding seal, based on high performing, intumescent graphite in a polymer binder.

PROMASEAL®-WF creates a fire erosion resistant rigid char, which protects sealed joints and gaps against flaming, heat transmission and smoke diffusion.

General technical data

Colour	Anthracite grey
Consistency	Solid, highly flexible
Thorn flexibility (20°C)	20mm
Nominal dry density (average) kg/m ²	1100
Nominal weight (10mm) kg/m ²	11
Reaction to Fire (DIN4102) classification	B2
Expansion temperature (approximate) (°C)	190
Expansion rate (free/loaded) 300°C	1:20 / 1:90
Expansion rate (free/loaded) 450°C	1:22 / 1:14
Expansion rate (free/loaded) 550°C	1:26 / 1:15
Expansion pressure (300°C) N/mm ²	> 0.4
Moisture characteristics	insoluble in water humidity does not influence the fire performance
Thickness	5.0 mm (+0/-0.4 mm) 10.0 mm (+0/-0.8 mm)
Width	50 and 60 mm (+0/-1.5 mm)

Processing

- Cut to length using standard tools
- Recommended working temperature: approximately 10 - 30°C

Packaging

Coils of 5.0mm thickness - 40 linear meters and 10.0 mm thickness - 20 linear meters (on 120mm paperboard core)

Storage

Store in a cool, dry place under normal conditions

Health and safety

Immediately remove any clothing soiled by the product. Protective equipment is not required to use the product. In case of eye contact, rinse out with water at least 15 minutes immediately. In case of swallowing, seek immediate medical advice.

A safety data sheet is available from Promat upon request.

Promat activities are conducted with due regard to all statutory requirements with appropriate safeguards against exposing employees and the public to health and safety risks.

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