

Promat

PROMASEAL®-WF
High Performing Intumescent Graphite

www.promat-tunnel.com



Advantages

- Flexible
- Easy to install
- Minimal waste
- Water resistant

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.

Head Office

Promat International N.V.

Bormstraat 24
2830 Tisselt
Belgium
T +32 15 718 100
F +32 15 718 109
E info@promat-international.com
www.promat-international.com
www.promat-tunnel.com
www.promat-marine.com
www.promat-oilandgas.com

Asia Pacific Headquarters, Malaysia

Promat International (Asia Pacific) Ltd.

Unit 19-02-01 -Level 2 PNB
Damansara
No.19 Lorong Dungun - Damansara
Heights
50490 Kuala Lumpur
T +60 3 2095 5111
F +60 3 2095 6111
E info@promat-ap.com
www.promat-ap.com

Australia

Promat Australia Pty. Ltd.

1 Scotland Road
SA 5031 Mile End South
T 1800 Promat (776 628)
F +61 8 8352 1014
E mail@promat.com.au
www.promat-ap.com

Austria

Promat GmbH

St.-Peter-Straße 25
4021 Linz
T +43 732 - 6912 - 0
F +43 732 - 6912 - 3740
E office@promat.at
www.promat.at

Belgium

Promat Belgium

Bormstraat 24
2830 Tisselt
T +32 15 719 351
F +32 15 718 229
E info@promat.be
E techniek@promat.be
www.promat.be

China

Promat China Ltd.

Room 506, Block A, Qi Lin Plaza
13-35 Pan Fu Road
510180 Guangzhou
T +86 20 8136 1167
F +86 20 8136 1372
E:info@promat.com.cn
www.promat.com.cn

Czech Republic

Promat s.r.o.

Čkalova 22/784
16000 Praha 6 - Bubeneč
T +420 2 2439 0811
F +420 2 3333 3576
E promat@promatpraha.cz
www.promatpraha.cz

Denmark

Promat Nordic

Kometvej 36
6230 Røddekro
T +45 7366 1999
F +45 7466 1020
E info@promat.nu
www.promat.nu

France

Promat

BP 66 Rue de L'Amandier
78540 Vernouillet
T +33 1 3979 6160
F +33 1 3971 1660
E info@promat.fr
www.promat.fr

Germany

Promat GmbH

Scheifenkamp 16
40878 Ratingen
T +49 2102 493 0
F +49 2102 493 111
E mail@promat.de
www.promat.de

Hong Kong

Promat International (Asia Pacific) Ltd.

Room 1010, C.C. Wu Building
302-308 Hennessy Road, Wanchai
T +852 2836 3692
F +852 2834 4313
E apromath@promat.com.hk
www.promat.com.hk

India

Promat (Malaysia) Sdn. Bhd. (India Representative Office)

610-611, Ansal Imperial Tower
C-Block, Community Centre
Naraina Vihar, Naraina
110028 New Delhi
T +91 11 2577 8413
F +91 11 2577 8414
E info-india@promat-asia.com
www.promat-ap.com

Italy

Promat S.p.A.

Via Perlasca 14
27010 Vellezzo Bellini (PV)
T +39 0382 4575 200
F +39 0382 926 900
E info@promat.it
www.promat.it

Japan

Promat Japan Corporation

Pacific Marks Shinjuku 4-15-7
Nishi-Shinjuku, Shinjuku-Ku
160-0023 Tokyo

Malaysia

Promat (Malaysia) Sdn. Bhd.

Unit 19-02-01 - Level 2 PNB
Damansara
No.19 Lorong Dungun
Damansara Heights
50490 Kuala Lumpur
T +60 3 2095 8555
F +60 3 2095 2111
E:info@promat-ap.com
www.promat-ap.com

Netherlands

Promat B.V.

Vleugelboot 22
3991 CL Houten
PO Box 475
3990 GG Houten
T +31 30 241 0770
F +31 30 241 0771
E info@promat.nl
www.promat.nl

Poland

Promat TOP Sp. z o. o.

ul. Przeclawska 8
03 879 Warszawa
T +48 22 212 2280
F +48 22 212 2290
E top@promatop.pl
www.promatop.pl

Russia

Promat

Pr. Vernadskogo 84/2
119606, Russia
T +7 (495) 246 01 01
F +7(495) 246 01 92
E sales@promat.ru
www.promat.ru

Singapore

Promat Building System Pte. Ltd.

10 Science Park Road
#03-14 The Alpha - Singapore
Science Park II
117684 Singapore
T +65 6776 7635
F +65 6776 7624
E:info@promat.com.sg
www.promat-ap.com

South East Europe Headquarters, Slovenia

Promat d.o.o.

Kidričeva 56b
4220 Škofja Loka, Slovenia
T +386 4 51 51 451
F +386 4 51 51 450
E info@promat-see.com
www.promat-see.com

South Korea

Promat International (Asia Pacific) Ltd.

(Korea Branch Office)
Room 406, 811-2 - Yeoksam-dong
Gangnam-gu
135080 Seoul
T +82 70 7794 8216
E apromath@promat.com.hk
www.promat-ap.com

Spain

Promat Ibérica S.A.

C/Velazquez, 47 - 6° izda
28001 Madrid
T +34 91 781 1550
F +34 91 575 1597
E info@promat.es
www.promat.es

Switzerland

Promat AG

Stationsstrasse 1
8545 Rickenbach-Sulz
T +41 52 320 9400
F +41 52 320 9402
E office@promat.ch
www.promat.ch

United Arab Emirates

Promat Fire Protection LLC

Plot no. 597-921,
Dubai Investment Park 2
PO Box 123945, Dubai
T +971 4 8850 3070
F +971 4 8853 588
www.promatfp.ae

United Kingdom

Promat UK Ltd.

The Sterling Centre, Eastern Road,
Bracknell
RG12 2TD Berkshire, Great Britain
T +44 1344 381 300/400
F +44 1344 381 301
E marketinguk@promat.co.uk
www.promat.co.uk

USA

Promat Inc.

1731 Fred Lawson Drive
TN 37801 Maryville
T +1 865 681 0155
F +1 865 681 0016
E sales@promat.us
www.promat.us