

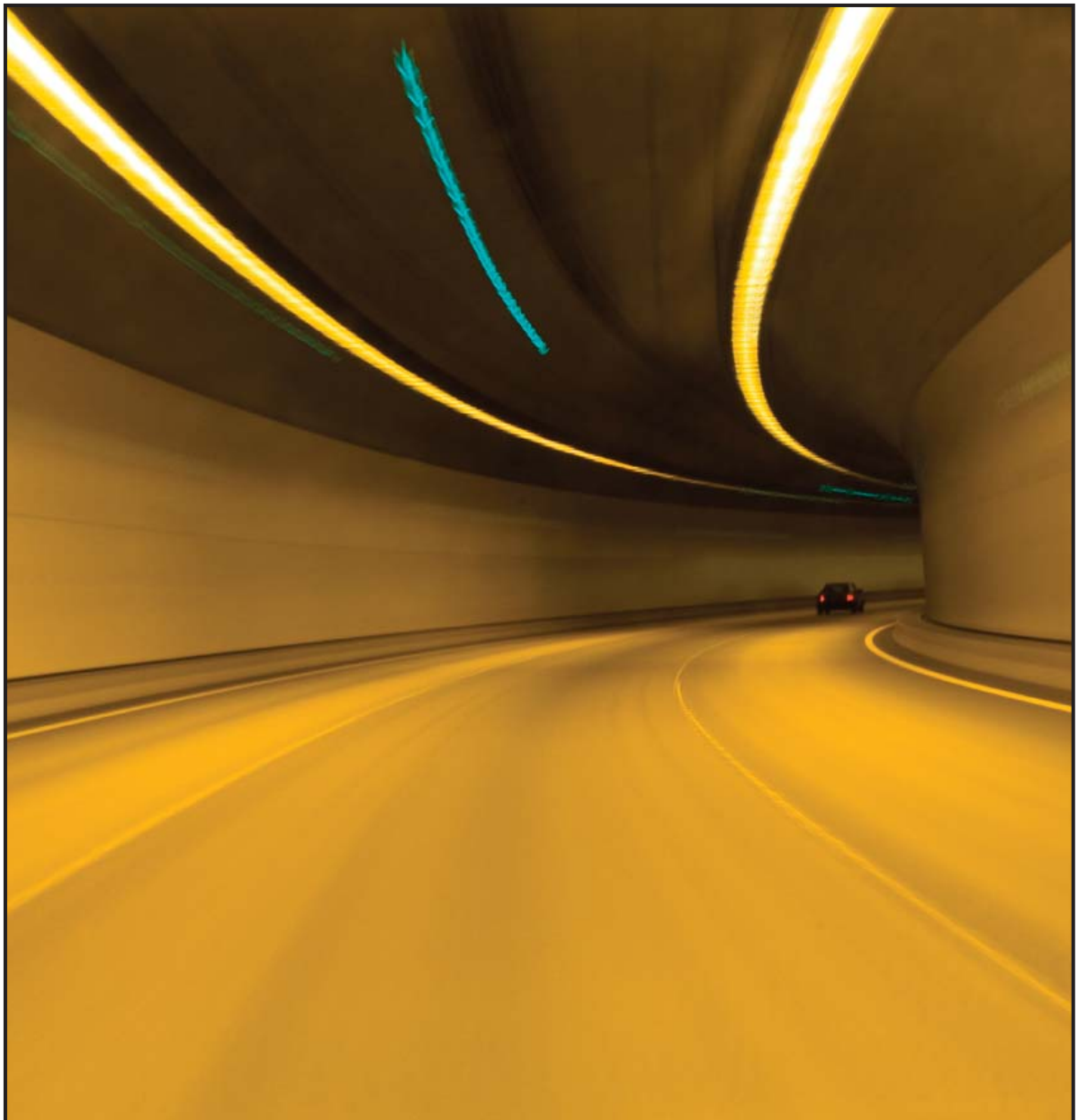
Promat



Cafco FENDOLITE® TG

Vermiculite & Portland Cement Based Wet Mix Trowelled Coating

tunnel applications



For use with Cafco FENDOLITE® MII Vermiculite & Portland Cement Based Wet Mix Spray
www.promat-spray.com

Cafco FENDOLITE® TG

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INTRODUCTION

Cafco FENDOLITE® TG is a trowel applied, factory controlled premix based on vermiculite and Portland cement. It is used with potable water to be added on site.

Cafco FENDOLITE® TG will not fail suddenly after the prescribed fire resistance period but will continue to offer a predictable level of fire protection (insulation) for the duration of the fire.

Cafco FENDOLITE® TG is ideal for application by trowel in interior and fully exposed environments.

Properties and performance	
Colour and finish	Off-white. Strictly trowel finished only.
Minimum practical thickness	8mm when unreinforced, 13mm when reinforced.
Number of coats	One or more as required
Cure	By hydraulic set
Flash point	None
Density	Typical 675kg/m ³ in accordance with BS 8202: Part 1: 1987
Thermal conductivity	0.20W/mK at 20°C
pH value	12.0 - 12.5

ADVANTAGES

- Structures protected with Cafco FENDOLITE® TG can provide fire resistance for up to 240 minutes.
- Cafco FENDOLITE® TG is applied by plastering techniques enabling repairs to be completed without the need to introduce spray plant onto the site.
- The effectiveness of Cafco FENDOLITE® TG will not be impaired or destroyed by the effects of water impingement/thermal shock from fire hoses or sprinkler systems. It will remain in place and not be affected by wind turbulence.
- Resistant to impact damage therefore able to meet the specification within environments where durability is essential.
- May be levelled to present a trowelled finish.
- Can be easily removed and reinstated locally when additional fixings are required.

QUALITY ASSURANCE

Promat manufactures to a quality system in accordance with ISO 9001: 2000 and has received full accreditation to these 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.



Cafco FENDOLITE® TG

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Preparation	
Typical substrates	Existing Cafco FENDOLITE® MII, concrete, unprimed and primed steel. Concrete curing agents should not be used.
Substrate preparation	The substrate shall be clean, dry and free from visible moisture (including condensation), concrete laitance, formwork release oils, loose mill scale, loose rust and any other condition preventing good adhesion. Any other priming systems must be compatible with an alkaline pH of 12.0-12.5.
Application	
Limitations	Cafco FENDOLITE® TG may be applied when the substrate and air temperatures are at least 2°C and rising, but should not be applied if the substrate or air temperatures are less than 4°C and falling. Maximum substrate and air temperature is 45°C. Substrate temperature should be at least 2°C above dew point temperature.

PACKAGING

20kg bags.

STORAGE

- Off the ground and kept dry until ready for use.
- Protect from frost, excessive heat (above 45°C) and strong radiant sunlight.

SHELF LIFE

Maximum 12 months.

ENVIRONMENTAL

- Do not discharge into drains, watercourses or soil.
- Not readily biodegradable.
- Not expected to bioaccumulate.
- Not expected to be toxic to aquatic life except at high concentrations.

HEALTH AND SAFETY

Adequate ventilation must be provided during use. Avoid contact with the skin and eyes by using eye protection, gloves, barrier cream and a face mask.

If the product comes into contact with the skin, wash immediately with soap and water. If the eyes are affected, flush with plenty of water and seek medical attention immediately.

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, BELGIUM

Promat International N.V.
Bormstraat 24
2830 Tiselt
Tel: +32 15 718 100
Fax: +32 15 718 109
Email: info@promat
international.com
www.promat-international.com
www.promat-tunnel.com
www.promat-marine.com
www.promat-spray.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
Tel: +60 3 2095 5111
Fax: +60 3 2095 6111
Email: spraysinfo@promat-ap.com
www.promat-ap.com

AUSTRALIA

Promat Australia Pty. Ltd.
1 Scotland Road
SA 5031 Mile End South
Tel: 1800 PROMAT
Fax: +61 8 8352 1014
Email: spraysinfo@promat.com.au
www.promat-ap.com

Promat Australia Pty. Ltd.
Unit 1, 175 Briens Road
NSW 2152 Northmead
Tel: 1800 PROMAT
Fax: +61 2 9630 0258
Email: spraysinfo@promat.com.au
www.promat-ap.com

Promat Australia Pty. Ltd.
3/273 Williamstown Road
VIC 3207 Port Melbourne
Tel: 1800 PROMAT
Fax: +61 3 9645 3844
Email: spraysinfo@promat.com.au
www.promat-ap.com

AUSTRIA

Promat Ges.m.b.H.
Seybelgasse 13
1230 Wien
Tel: +43 1 865 4501
Fax: +43 1 865 3600
Email: office@promat.at
www.promat.at

BELGIUM

Promat N.V.
Kuiermansstraat 1
1880 Kapelle-op-den-Bos
Tel: +32 15 713 351
Fax: +32 15 718 229
Email: info@promat.be
www.promat.be

CHINA

Promat China Ltd.
Room 503, Block B, Qi Lin Plaza
13-35 Pan Fu Road
510180 Guangzhou
Tel: +86 20 8136 1167
Fax: +86 20 8136 1372
Email: spraysinfo@promat-ap.com
www.promat.com.cn

Promat North China (Division of Promat China Ltd.)

Room 1507 Building 5
SOHO Xiandaicheng
No.88 Jianguo Road
Chaoyang District
100022 Beijing
Tel: +86 10 8589 1254
Fax: +86 10 8589 2904
Email: spraysinfo@promat-ap.com
www.promat.com.cn

CZECH REPUBLIC

Promat s.r.o.
Kkalova 22/784
16000 Praha 6 - Bubeneč
Tel: +420 2 2439 0811
Fax: +420 2 3333 3576
Email: promat@promatpraha.cz
www.promatpraha.cz

DENMARK

Promat ApS
Tåstrup Stationscenter
Selsmosevej 2, 1. floor
2630 Tåstrup
Tel: +45 7020 0482
Fax: +45 7020 0483
Email: info@promat-nordic.com
www.promat-nordic.com

FRANCE

Promat S.A.S.
BP 66 Rue de L'Ammandier
78540 Vernouillet
Tel: +33 1 3979 6160
Fax: +33 1 3971 1660
Email: info@promat.fr
www.promat.fr

GERMANY

Promat GmbH
Scheifenkamp 16
40878 Ratingen
Tel: +49 2102 493 0
Fax: +49 2102 493 111
Email: mail@promat.de
www.promat.de

HONG KONG

**Promat International
(Asia Pacific) Ltd.**
Room 1010, C.C. Wu Building
302-308 Hennessy Road
Wanchai
Tel: +852 2836 3692
Fax: +852 2834 4313
Email: spraysinfo@promat-ap.com
www.promat.com.hk

INDIA

**Promat International
(Asia Pacific) Ltd.**
(India Representative Office)
610-611, Ansal Imperial Tower
C-Block, Community Centre
Naraina Vihar, Naraina
110028 New Delhi
Tel: +91 11 2577 8413
Fax: +91 11 2577 8414
Email: spraysinfo@promat-ap.com
www.promat-ap.com

ITALY

Promat S.p.A.
Corso Paganini 39/3
16125 Genova
Tel: +39 010 248 8411
Fax: +39 010 213 768
Email: info@promat.it
www.promat.it

MALAYSIA

Promat (Malaysia) Sdn. Bhd.
Unit 19-02-01
Level 2 PNB Damansara
No.19 Lorong Dungun
Damansara Heights
50490 Kuala Lumpur
Tel: +60 3 2095 8555
Fax: +60 3 2095 2111
Email: spraysinfo@promat-ap.com
www.promat-ap.com

NETHERLANDS

Promat B.V.
Zonnebaan 36
3542 EE Utrecht
Tel: +31 30 241 0770
Fax: +31 30 241 0771
Email: info@promat.nl
www.promat.nl

POLAND

Promat TOP Sp. z o.o.
ul. Przeclawska 8
03 879 Warszawa
Tel: +48 22 212 2280
Fax: +48 22 212 2290
Email: top@promatop.pl
www.promatop.pl

RUSSIA

Promat GmbH
Repräsentanz
ul. Kantemirovskaya 58
115477 Moscow
Tel: +7 495 325 4268
Fax: +7 495 231 7977
Email: gd@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
Tel: +65 6776 7635
Fax: +65 6776 7624
Email: spraysinfo@promat-ap.com
www.promat-ap.com

SPAIN

Promat Ibérica S.A.
C/ Velazquez, 41 - 2 Planta
28001 Madrid
Tel: +34 91 781 1550
Fax: +34 91 575 1597
Email: info@promat.es
www.promat.es

SWITZERLAND

Promat AG
Stationsstrasse 1
8545 Rickenbach-Sulz
Tel: +41 52 320 9400
Fax: +41 52 320 9402
Email: office@promat.ch
www.promat.ch

UNITED ARAB EMIRATES

Promat Middle East
Suite 1805, Floor 18
Festival City Tower
P O. Box 123945, Dubai
Tel: +971 4 232 9780
Fax: +971 4 232 9781
Email: promatmiddleeast@promat.co.uk
www.promat-spray.com

UNITED KINGDOM

Promat UK Ltd.
The Sterling Centre
Eastern Road, Bracknell
RG12 2TD Berkshire, Great Britain
Tel: +44 1344 381 300
+44 1344 381 400 (technical)
Fax: +44 1344 381 301
Email: marketinguk@promat.co.uk
www.promat-spray.com

Promat Ireland

43 Fitzwilliam Square
Dublin 2, Ireland
Tel: +353 1 419 0437
Fax: +353 1 460 8802
www.promat.ie

VIETNAM

**Promat International
(Asia Pacific) Ltd.**
(Vietnam Representative Office)
Room 606 Giay Viet Plaza
180-182 Ly Chinh Thang Street
Ward 9, District 3
Hochiminh City
Tel: +84 904 055 055
Fax: +84 8 3931 5964
Email: spraysinfo@promat-ap.com
www.promat-ap.com