

petrochemical applications

Promat



CAFCO® PSK 101

Sealer & Keycoat



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

CAFCO® PSK 101

Sealer & Keycoat

INTRODUCTION

CAFCO® PSK 101 is a single pack, multi purpose synthetic latex, water based emulsion for use as a sealer or keycoat as a component of the Cafco FENDOLITE® MII integrated fire protective coating system.

CAFCO® PSK 101 is suitable for on site or off site application to construction elements such as steel or concrete sections, and metal decks.

Onshore oil and gas, petrochemical and power industries will benefit from the use of CAFCO® PSK 101.

Properties and performance	
Colour and finish	Dark green (nearest to BS4800: 1981, colour code 10 B 25). May be applied by spray, roller or brush.
Typical thickness	55-82 microns dry film thickness (DFT) from 100-150 microns wet film thickness (WFT). Do not apply less than 100 microns (WFT).
Practical coverage	Dependent on surface texture, substrate porosity, application method and technique.
Theoretical coverage	8m ² /litre at 125 microns WFT
Number of coats	One or more as required dependent on application technique. Additional coats may be applied once the previous coat is touch dry.
Over coating interval	Touch dry ½ to 1 hour at 20°C and RH 50%
Maximum over coating time	2 months with either additional coats of CAFCO® PSK 101 or Cafco FENDOLITE® MII
Cure	By air drying
Drying time	2 to 6 hours at 20°C and RH 50%. The drying time will vary with ambient conditions, but high humidity, low temperature and low air change can extend cure time significantly.
Solids by weight	55%
Density	1.25kg/litre

ADVANTAGES

Strongly bonded coating system.

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® PSK 101

Sealer & Keycoat

Preparation	
Typical substrates	Unprimed and primed steel
Substrate preparation	The substrate shall be clean, dry and free from dust, loose mill scale, loose rust, oil and any other condition preventing good adhesion.
Application	
Initial steps	Stir contents before use. Do not thin.
Methods	CAFCO® PSK 101 may be applied with an industrial type airless or air-assisted spray, or lambswool roller. It may also be applied with a brush in small (maximum 1m ²) areas only.
Limitations	CAFCO® PSK 101 may be applied when the substrate and air temperatures are at least 2°C and rising. Maximum air and substrate temperature is 45°C. Substrate temperature should be at least 2°C above dew point temperature. Protect from rain, hail etc. until dry.

PACKAGING

20 litre plastic drums.

STORAGE

Protect from frost, excessive heat (above 45°C) and strong radiant sunlight.

SHELF LIFE

Minimum 6 months.

ENVIRONMENTAL

Do not discharge into drains, watercourses or soil.

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