Promat

Promat® PSK 101

Water Based Synthetic Latex, Sealer and Keycoat

Promat FENDOLITE®-MII Integrated Fire Protective Coating System

PROPERTIES AND PERFORMANCES

Colour and finish	Dark green (nearest to BS 4800: 1981, colour code 10 B 25). May be applied by spray, roller or brush
Typical thickness	100-150 microns wet fillm thickness (WFT) Do not apply less than 100 microns 55-82 microns dry film thickness (DFT)
Practical coverage	Dependent on surface texture, substrate porosity, application method and technique
Theoretical coverage	8m2/litre at 125 microns WFT
Number of coats	One or more as required dependent on application technique. May be recoated once previous coat is touch dry
Maximum over coating time	2 months with either more Promat® PSK 101 or Promat FENDOLITE®-MII
Cure	By air drying
Drying time	Touch dry ½ to 1 hour at 20°C and 50% RH Fully dry 2 to 6 hours at 20°C and 50% RH Varies with ambient conditions, but high humidity, low temperature and low air change will hinder cure significantly
Solids by weight	55%
Weight	1.25kg/litre

Advantages

- → Strongly bonded integrated coating system
- → Excellent capability & durability

Introduction

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

Promat® 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 Promat® PSK 101.

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.

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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.

Preparation

Typical substrates

Unprimed or primed steel

Substrate preparation

The substrate must be clean, dry and free from dust, loose millscale, loose rust, oil, visible moisture (including condensation) and any other condition preventing good adhesion.

Application

Initial steps

Stir contents before use. Do not thin.

Methods

Promat® PSK 101 may be applied with an industrial type airless or airassisted spray, or lambswool roller. It may also be applied with a brush in small (maximum 1m^2) areas only.

Limitations

Promat® 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

25 kg metal pails (20 litres).

Storage

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

Shelf life

Max. 12 months.

Environmental

Do not discharge into drains, watercourses or soil.

All specified technical data are mean values from the production which are subject to the usual fluctuations and do not represent guaranteed properties in the sense of a guarantee. All information corresponds to the current state of the art and has been presented and described to the best of our knowledge. Changes due to new findings are possible, errors and misprints are not excluded. With regard to any liability, our delivery and payment terms apply exclusively. Request safety datasheet. With the publication of this edition, all previously published datasheets are invalid. © Copyright Etex NV, Brussels, Belgium. All rights reserved. **2021-05**

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