

petrochemical applications

Promat



# CAFCO® PSK 101

Sealer & Keycoat



For use with Cafco FENDOLITE® MII Vermiculite Cement Based Wet Mix Spray

[www.promat-spray.com](http://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 and keycoat as a component of the Cafco FENDOLITE® integrated fire protectivecoating 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 BS 4800: 1981, colour code 10 B 25). May be applied by spray, roller or brush
Typical thickness	100-150 microns wet film 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	8m <sup>2</sup> /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 CAFCO® PSK 101 or Cafco FENDOLITE® MII
Cure	By air drying
Drying time	Touch dry ½ to 1 hour at 20°C and RH 50% Fully dry 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 will hinder cure significantly
Solids by weight	55%
Weight	1.25kg/litre

#### ADVANTAGES

Strongly bonded coating system.

#### QUALITY ASSURANCE

Promat operates a quality system in accordance with BS EN 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 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	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 <sup>2</sup> ) 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 metal pails.

### STORAGE

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

### SHELF LIFE

Maximum 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.

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