

Promat



CAFCO® SC125

Water Based Synthetic Latex

construction applications



*For use with Cafco MANDOLITE® CP2 and Cafco MANDOLITE® HS3
Vermiculite & Portland Cement Based Wet Mix Sprays*

www.promat-spray.com

CAFCO® SC125

Water Based Synthetic Latex

INTRODUCTION

CAFCO® SC125 is a single pack, ready to use, synthetic latex, water based emulsion for use as an elastomeric sealer. It is designed for application to primed steel.

CAFCO® SC125 forms part of the Caico MANDOLITE® CP2 and Caico MANDOLITE® HS3 passive fire protection systems.

Building types that will benefit from the use of CAFCO® SC125, include a wide range of educational, leisure and entertainment centres, commercial and industrial projects.

Properties and performance	
Colour and finish	Yellow with a slight sheen (nearest to BS4800: 1981, colour code 06 E 50). 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® SC125, Caico MANDOLITE® CP2 or Caico MANDOLITE® HS3.
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	1.25

ADVANTAGES

- Suitable as a sealer over alkali sensitive primers that have been applied to internal steel or concrete substrates where flexing or distortion (within normal design codes) may occur.
- Will accommodate such movement and minimise the risk of the debonding or consequent cracking of Caico MANDOLITE® CP2 and Caico MANDOLITE® HS3.

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.



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Preparation	
Typical substrates	Primed steel and concrete
Substrate preparation	The substrate shall be clean, dry and free from visible moisture (including condensation), 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® SC125 may be applied with an industrial type airless or air-assisted spray, or lambswool roller. It may also be applied with a wide, soft nylon brush in small (maximum 1m ²) areas only.
Limitations	CAFCO® SC125 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

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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