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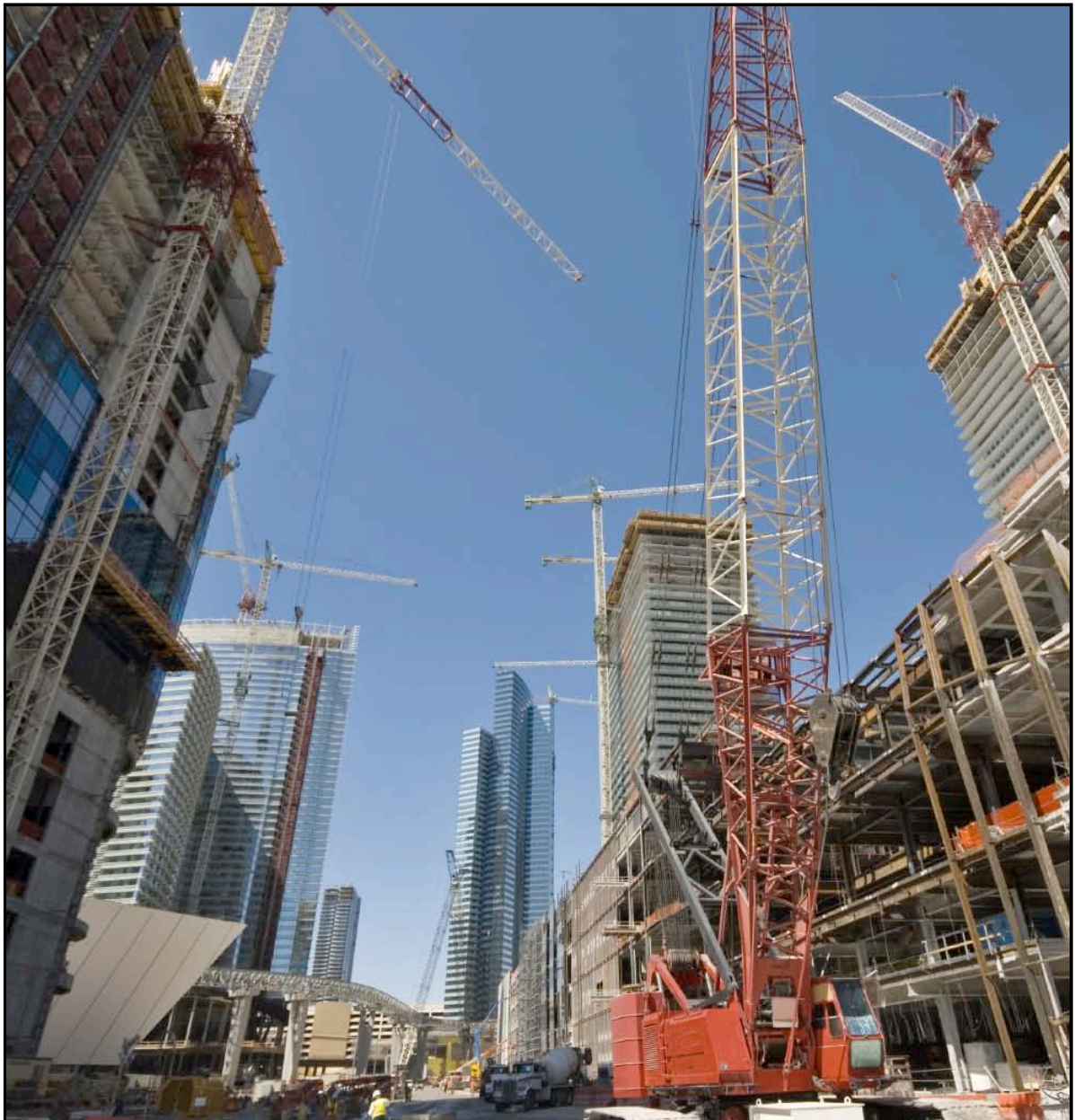
Promat



CAFCO[®] SBR Bonding Latex

Styrene Butadiene Latex

construction applications



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

www.promat-spray.com

CAFCO® SBR Bonding Latex

INTRODUCTION

CAFCO® SBR Bonding Latex is a single pack, synthetic latex for use as a keycoat for fire protective coatings. It is spray applied after first mixing with Cafco MANDOLITE® HS3.

CAFCO® SBR Bonding Latex forms part of the Cafco MANDOLITE® CP2 and Cafco MANDOLITE® HS3 passive fire protection systems and is designed for application to primed steel or concrete substrates.

After mixing with Cafco MANDOLITE® HS3, CAFCO® SBR Bonding Latex forms a tough, textured, strongly adhering mechanical keycoat. Once the mixture has cured, neat Cafco MANDOLITE® CP2 or Cafco MANDOLITE® HS3 can be applied over it.

Building types that will benefit from the use of CAFCO® SBR Bonding Latex include a wide range of

Properties and performance	
Practical coverage	Dependent on surface texture, substrate porosity, application method and technique
Theoretical coverage	60m ² per 37kg of prepared keycoat
Number of coats	One or more as required
Over coating interval	When touch dry depending on temperature
Cure	By air drying
Drying time	10 to 36 hours. Varies with ambient conditions but high humidity, low temperature and low air change will hinder cure significantly
Relative density	1.0
Combustibility	Non-combustible
pH value	Approximately 10

educational, leisure and entertainment centres, or commercial or industrial projects.

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® SBR Bonding Latex

Preparation	
Typical substrates	Please contact Promat Technical Department to confirm compatibility of the primer with CAFCO® SBR Bonding Latex
Substrate preparation	The substrate shall be clean, dry and free from visible moisture (including condensation), dust, loose millscale, loose rust, oil and any other condition preventing good adhesion
Application	
Methods	Add 1 volume of water to 1 volume of CAFCO® SBR Bonding Latex. Add 20kg of Cafco MANDOLITE® HS3 to 17kg of diluted CAFCO® SBR Bonding Latex and stir for 3 minutes Apply with a rotor/stator type spray machine, or for small areas a gravity fed hopper gun, to give 20-50% coverage of substrate
Limitations	CAFCO® SBR Bonding Latex may be applied when the substrate and air temperatures are at least 2°C and rising. Maximum substrate and air temperature is 45°C Substrate temperature should be at least 2°C above dew point temperature

PACKAGING

20 litre or 200kg plastic drums.

STORAGE

- Protect from frost, excessive heat (above 45°C) and strong radiant sunlight.
- Keep in tightly closed containers.

SHELF LIFE

Maximum 6 months.

ENVIRONMENTAL

- Do not discharge into drains, watercourses or soil.
- Not readily biodegradable.
- Not expected to bioaccumulate.
- Slightly toxic to aquatic life.

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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