

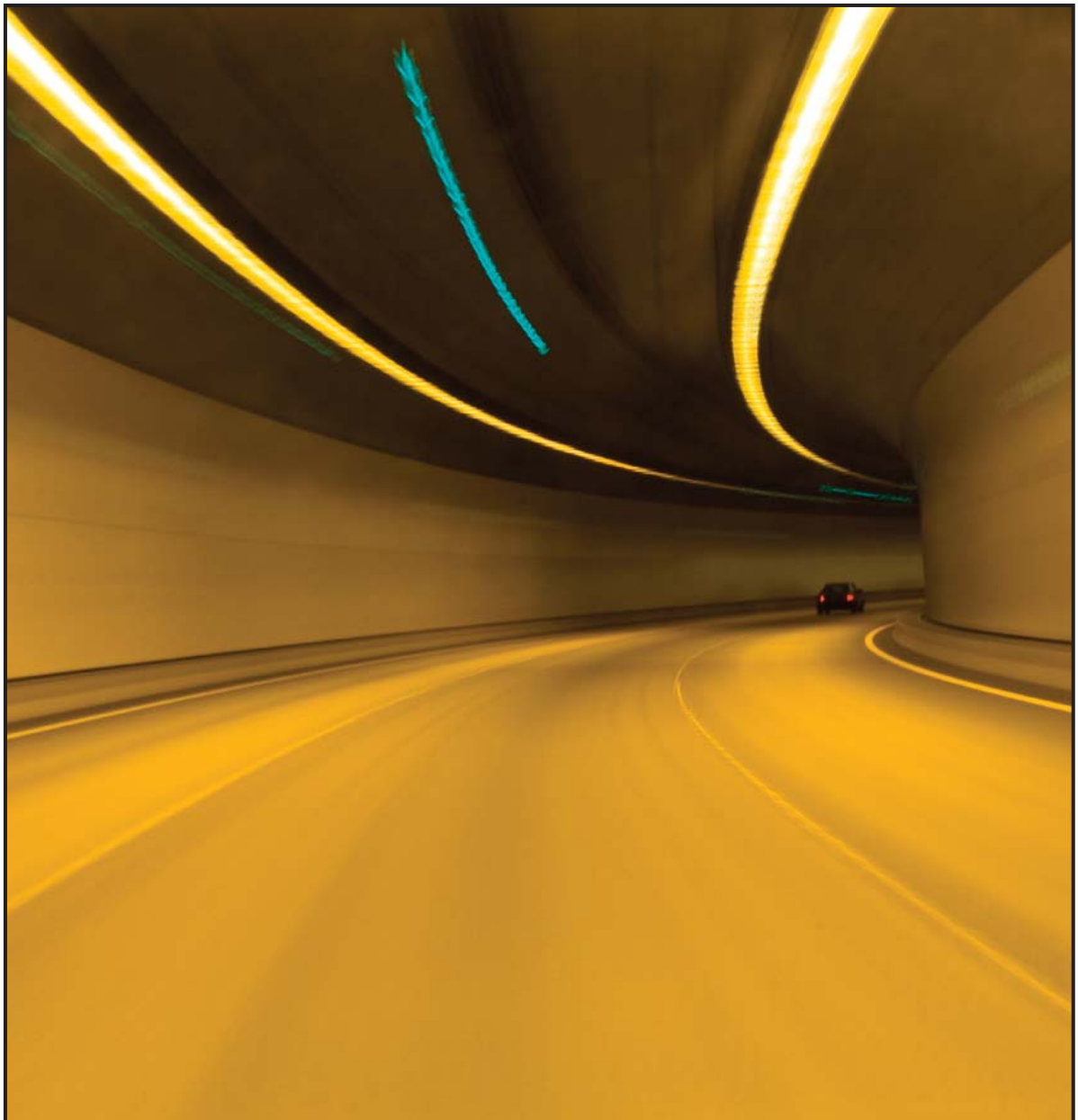
Promat



Cafco FENDOLITE® TG

Vermiculite Cement Based Wet Mix Trowelled Coating

tunnel applications



Use with Cafco FENDOLITE® MII Vermiculite Cement Based Wet Mix Spray

Cafco FENDOLITE® TG

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INTRODUCTION

Cafco FENDOLITE® TG is a trowel applied, factory controlled premix based on vermiculite and Portland cement. It is used with water added on site.

Cafco FENDOLITE® TG will not fail suddenly after the prescribed fire resistance period but will continue to afford/offer a predictable level of fire protection for the duration of the fire.

Cafco FENDOLITE® TG is ideal for applications by trowel in interior and fully exposed environments.

Properties and performance	
Colour and finish	Off-white. Strictly trowel finished only.
Minimum practical thickness	8mm when unreinforced, 13mm when reinforced.
Number of coats	One or more as required
Cure	By hydraulic set
Flash point	None
Density	Typical 675kg/m ³ in accordance with BS8202: Part 1: 1987
Thermal conductivity	0.20W/mK at 20°C
pH value	12.0 - 12.5

ADVANTAGES

- Structures protected with Cafco FENDOLITE® TG can provide fire resistance for up to 240 minutes.
- Cafco FENDOLITE® TG is applied by plastering techniques enabling repairs to be completed without the need to introduce spray plant onto the site.
- The effectiveness of Cafco FENDOLITE® TG will not be impaired or destroyed by the effects of water impingement/thermal shock from fire hoses or sprinkler systems. It will remain in place and not be affected by wind turbulence.
- Resistant to impact damage thus able to meet the specification within environments where durability is essential.
- May be levelled to present a trowelled finish.
- Can be easily removed and reinstated locally when additional fixings are required.

QUALITY ASSURANCE

Promat UK Limited operates a quality system in accordance with BS EN ISO 9001: 2000 and has received full accreditation by BSI 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	Unprimed and primed steel, Cafco FENDOLITE® MII.
Substrate preparation	The substrate shall be clean, dry and free from dust, loose millscale, loose rust, oil and any other condition preventing good adhesion. Any other priming systems must be compatible with an alkaline pH of 12.0-12.5. Concrete curing agents should not be used.
Application	
Limitations	Cafco FENDOLITE® TG may be applied when the substrate and air temperatures are at least 2°C and rising, but should not be applied if the substrate or air temperatures are less than 4°C and falling. Maximum substrate and air temperature is 45°C. Substrate temperature should be at least 2°C above dewpoint temperature.

PACKAGING

20kg bags.

STORAGE

- Off the ground and kept dry until ready for use.
- Protect from frost, excessive heat (above 45°C) and strong radiant sunlight.

SHELF LIFE

Maximum 12 months.

ENVIRONMENTAL

- Do not discharge into drains, watercourses or soil.
- Not readily biodegradable.
- Not expected to bioaccumulate.
- Not expected to be toxic to aquatic life except at high concentrations.

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 material 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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