Cafco FENDOLITE® TG
Vermiculite & Portland Cement Based Wet Mix Trowelled Coating

For use with Cafco FENDOLITE® M/I Vermiculite & Portland Cement Based Wet Mix Spray
www.promat-spray.com
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 potable water to be added on site.

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

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

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 therefore 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 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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<tr>
<th>Properties and performance</th>
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<td>Colour and finish</td>
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<tr>
<td>Minimum practical thickness</td>
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<tr>
<td>Number of coats</td>
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<td>Cure</td>
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<td>Flash point</td>
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<tr>
<td>Density</td>
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<tr>
<td>Thermal conductivity</td>
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<td>pH value</td>
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**Preparation**

<table>
<thead>
<tr>
<th>Typical substrates</th>
<th>Existing Cafco FENDOLITE® MII, concrete, unprimed and primed steel. Concrete curing agents should not be used.</th>
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<tr>
<td>Substrate preparation</td>
<td>The substrate shall be clean, dry and free from visible moisture (including condensation), concrete laitance, formwork release oils, loose mill scale, loose rust and any other condition preventing good adhesion. Any other priming systems must be compatible with an alkaline pH of 12.0-12.5.</td>
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**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 dew point 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 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.