

Uniclass L673	EPIC F732
CI/SfB	Vt3

**Promat**



# Cafco BONDSEAL®

*Styrene Acrylic Copolymer*

construction applications



[www.promat-spray.com](http://www.promat-spray.com)

## Cafco BONDSEAL®

### Styrene Acrylic Copolymer

#### INTRODUCTION

Cafco BONDSEAL® is a single pack, styrene acrylic copolymer, used as an adhesive/sealer coat.

Cafco BONDSEAL® is mixed with water and applied to porous or non-compatible surfaces to either seal or create a barrier prior to the application of CAFCO® 300 and Promat sprayed mineral wool products.

A wide range of surfaces in both the construction, hydrocarbon and tunnel industries will benefit from the use of Cafco BONDSEAL®.

Properties and performance	
<b>Theoretical coverage</b>	When used as an adhesive on steel, 3 parts Cafco BONDSEAL® to 1 part water, 7-11m <sup>2</sup> /litre as mixed When used as an adhesive on concrete, 1 part Cafco BONDSEAL® to 1 part water, 13m <sup>2</sup> /litre as mixed When used as a sealer on Promat sprayed mineral wool coating, 1 part Cafco BONDSEAL® to 1 parts water. 10m <sup>2</sup> /litre as mixed Practical coverage is dependent on surface condition, profile, application method and technique
<b>Number of coats</b>	Normally one but additional coats may be applied as required
<b>Cure</b>	By air drying
<b>Drying time</b>	2 to 6 hours. The drying time will vary with ambient conditions and substrate, but high humidity, low temperature and low air change will hinder cure significantly
<b>Combustibility</b>	Non-combustible
<b>pH value</b>	9.6

Preparation	
<b>Typical substrates</b>	Primed steel and concrete. Please contact Promat for other compatible priming systems
<b>Substrate preparation</b>	The substrate shall be clean, dry and free from visible moisture (including condensation), dust, loose millscale, loose rust, loose paint and mould, oil and any other condition preventing good adhesion

#### 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.



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## APPLICATION

<b>Methods</b>	Apply to the surface using an industrial type airless spray, brush or shortpile roller Where Cafco BONDSEAL® is used as an adhesive, commence application of the chosen spray applied coating whilst the surface is still tacky
<b>Limitations</b>	Cafco BONDSEAL® 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

## 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.

## PACKAGING

20 litre and 60 litre drums.

## STORAGE

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

## 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.

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