



(Water Base Top Coat)

Recommended specification:

FC WASH advised for algae or fungal growth.

FC CLEAN Advised to clean substrate.

CPC 500 SA – Primer

CPC 550 SA - Topcoat (Minimum 2 coats – surface dependant)

DESCRIPTION

CPC 500 SA is a black, quick drying, low viscosity primer for concrete, asbestos cement, brick and similar masonry surfaces. It is also an effective primer on metal surfaces such as steel, galvanised sheeting, aluminium etc.

After drying it leaves a non-sticky surface at normal air temperatures.

SPECIAL CHARACTERISTICS

A high percentage of rubber latex imparts considerable elasticity to the dried film.

SURFACE PREPARATION

Remove all dust, dirt and rust. Remove excess loose or powdery material with a stiff brush or broom. Cementitious surfaces must be free of laitance. Where moss and lichen etc are present, this should be removed using **FC Clean**, and the surface treated with fungicide which should be allowed to dry before the **CPC 500 SA** treatment proceeds. Stir contents of tin before use.

APPLICATION

- 1) **CPC 500 SA** can be sprayed or applied with a soft brush. The coverage per litre on average masonry surfaces will be approximately 3-4 m².
- 2) Drying time will be approximately 3-4 hours at 20oC. At the end of this period the surface will be touch dry, but the surface should be allowed to dry for 24 hours before applying waterproofing or sealing compounds, as solvent entrapment will lead to poor adhesion.
- 3) A second application is recommended to waterproof porous surfaces and to provide a thoroughly durable covering. Each coat must be dry before the next is applied. Drying time will be approximately 3 - 4 hours in sunny weather.
- 4) Brushes or brooms should be washed in clean water immediately after use; if clogged, they can be cleaned with paraffin or white spirit. These solvents should not be used on brushes or brooms during application.

SPECIFICATION

Product type:	CPC 500 SA
Colour:	Black
Coverage:	10-12 m ²
Drying time:	3-4 hours at 20oC
Flash point:	40oC (Typical)
Mass per litre:	1.02 kilograms
Viscosity:	25-30 fc4 at 25oC (typical)
Penetration of residue after distillation to 360oC :	19 (100 grams/5 sec/25oC)
Availability:	5 litre, 20 litre, 200 litre

PROTECTION ON COMPLETION

Whilst **CPC 500 SA** and **CPC 550 SA** is designed for an extended life, it is important to apply a maintenance coat **CPC 500 SA** and **CPC 550 SA** every 2 to 3 years to validate the product warrantee.

Note: Do not cover with stones or stone chippings

TEMPERATURE AND RELATIVE HUMIDITY

Do not apply **CPC 500 SA** if rain is imminent or if the temperature is below 5 °C.

MODEL SPECIFICATION

Coloured acrylic and rubberised bitumen waterproofing flashing system plus membrane. The waterproofing/flashing system will be, a two coat , elastic acrylic and rubberised bitumen compound applied in accordance with the recommendations of **CPC 500 SA** and **CPC 550 SA**. Acid based metal primer is advised where necessary – consult with your sales representative.

PACKAGING

1L, 5L, 20L containers.

HANDLING & STORAGE

This product has a shelf life of 12 months if kept in a dry cool place in the original packaging. In more extreme conditions this period might be shortened.

CPC 500 SA

Liquid Rubber Primer



Material safety data sheet

CPC 500 SA– Bitumen Waterproofing Compound

1. Identification of the Substance/Preparation and Company

CPC 500 SA

Chemical character and proposed application: Polymer latex modified bitumen emulsion compound.

Manufacturer:

Name of responsible person:

2. Composition/Information about chemical ingredients

Substances presenting a health hazard within the meaning of the Chemical Regulations '93 (Hazard Info. and Packaging)

Name of substance	Conc. (w/w)	R-phrases	Hazchem Code	Risk Labelling
Anionic Bitumen Emulsion	85	none	n/a	
Synthetic resin emulsion	9	none	n/a	

For full text of the R-phrases see Section 15 and 16

3. Identification of hazards

Type of danger: Inert and Harmless product **Special information for humans and environment:** Possible toxic vapours can be emitted when burnt.

4. First aid measures

General information:

In case of doubt, or when symptoms persist, seek medical attention Never give anything by mouth to an unconscious person.

Inhalation:

No effect

Skin contact:

Minor effect if applied liberally. Wash thoroughly with clean water. A skin-cleaner may be used. Do NOT use solvents or thinners.

Eye contact:

Contact lenses should be removed. Irrigate with clean, fresh water until clear.

Ingestion:

No effect

5. Fire fighting measures

Extinguishing media: Product is non-flammable in the wet state. Dry film is combustible and all types of extinguishing media may be employed.

Particular danger provoked by the product or its smoke after fire:

Fire may produce light black smoke, containing products of combustion. Those products may be a hazard to health.

Particular personal protection:

No special protection required.

6. Accidental release measures

Personal measures of attention:

Avoid excessive and prolonged skin contact.

Protection of the environment:

The product is a liquid. If spillage occurs it is preferable to allow the product to dry out and scrape the solid residue for disposal.

Procedure of cleaning and removing:

Contain and collect the product in a mechanical way. May be disposed of in sewers, after allowing for settlement in sludge traps. Solid disposal in standard waste bins is acceptable.

Clean preferably with a detergent, avoid the use of solvents.

Disposal see Section 13

7. Handling and storage

Handling

Indication for secure handling: no special requirements

Indication for fire/explosion-protection: inert, non-flammable liquid.

Storage

Demands for spaces of storage and vessels:

No special requirements

Storage together with other products:

Store separately from strongly oxidizing agents and strongly alkaline and acidic materials.

More information of conditions of storage: No special requirements

Storage Class: Not Applicable

8. Limits of exposure and personal measures of protection

Technical safety measures:

No special requirements.

Personal protection Respirator: Not required.

Hand protection:

Gloves may be preferred where continuous immersion is anticipated.

Eye protection: Eye protection to protect against liquid splashes is advised for operator comfort.

Skin protection: No special protection.

9. Physical and chemical properties

State	pasty liquid
Colour:	Brown
Smell:	Bitumen type odor

Value		Unit	Method
Viscosity at 25°C:	liquid	10 000	CP Brookfield
Density at 25°C:	1,0	g/ml	DIN 51 757/C
Point of ignition:	N/A	°C	ASTM D2155
Solubility in water:	freely soluble		
pH-Value at 20°C:	6,5		
Solubility in fat/solvents:	insoluble @ 20°C		
Content of solids:	60%		
Boiling point:	100	°C	

10. Stability and reactivity

Conditions:

Stable under recommended storage and handling conditions (see Section 7)

Conditions and substances to avoid:

Don't bring in contact with oxidizing agents or strongly alkaline, acidic or oxidizing materials.

Dangerous substances of decomposition:

In a fire hazardous decomposition products such as smoke, CO², may be produced.

11. Toxicological information

None

12. Ecological information

The product is a liquid and classified harmless.
There is no data available on polluting the environment.

13. Disposal considerations

Product: No special hazards.

Key of disposal: Not applicable

Name of disposed waste: Wastes of coating compound

All waste, including containers are controlled wastes and should be disposed in accordance to the Control of Pollution Act / Environment protecting Act.

Un-cleaned packing: Dispose by recycling.

14. Transport information

Sea
CLASS - HTN 3209.10 Pack Group - Symbol - NON-HAZARDOUS LIQUID SHIPPING CODE: Paints

Rail (RID)
CLASS - Item Symbol - NON- HAZARDOUS LIQUID

Road (ADR)
CLASS Air (ICAO) CLASS Item Kemler Plate -
- Pack Group Symbol - NON- HAZARDOUS LIQUID

Passenger Aircraft

Maximum quantity per package: not restricted

U.N. packing instruction: n/a

15. Regulatory information

Risk labelling: N/A

S 26 In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin

S 28 wash immediately with plenty of detergents and water.

16. Other information

Other information: None References: None

Date of last revision: 02 April 2023

The information in this safety data sheet is provided in accordance with the national Chemicals Regulations and EU-Directives. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant laws are complied with. The information contained in this sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environment aspects and should not be construed as any guarantee of technical performance or suitability for particular application.