



PACTOTop 200 SFC- S / 200 SFC - P

Non-toxic, Moisture Tolerant, Solvent-free Epoxy Resin Coating

DESCRIPTION

PACTOTop 200 SFC is a two-pack, solvent-free, epoxy resin coating. It is supplied in pre-measured quantities ready for mixing on site. The product, on curing, produces a smooth, tough, resistant coating.

The product is supplied in two grades. The suffix S denoting standard and the suffix P denoting potable water grade.

TYPICAL USES

PACTOTop 200 SFC may be used as a protective coating for concrete and mild steel. The coating, once cured, is resistant to common chemicals and abrasion. It is particularly suited for applications in water tanks, dairies, and food processing plant, abattoirs and grain soils.

ADVANTAGES

- Non-toxic
- Solvent-free therefore may be used in confined areas
- High build
- No primer required on concrete or mild steel
- Easily cleaned surface
- Resistant to a wide range of chemicals
- Corrosion and abrasion resistant

STANDARD

PACTOTop 200 SFC complies with BS 6920: Part 1: 1990 as a coating suitable for contact with potable water.

TECHNICAL DATA

Solids Content	100%
Pot life	
20°C	35 to 45 minutes
35°C	15 to 20 minutes
Over-coating times:	
20°C	8 to 20 hours
35°C	4 to 7 hours
Full Cure @ 20°C	7 days
Typical System Thickness	400µm
Pull off Strength @ 7 days	>4 N/mm ²
Compressive Strength @ 7 days	>70 N/mm ²

CHEMICAL RESISTANCE CHART

ACIDS

Excellent to:

10% Sulphuric acid, Hydrochloric acid, 10% Phosphoric acid, 10% hydrofluoric acid, Citric acid, 1% Lactic acid. Sea water, 25% Sodium Hydroxide, Sodium Carbonate, Calcium Carbonate. Potassium /Aluminum Sulphate, Ferrous Sulphate, Calcium Chloride, Sodium Phosphate, Copper Phosphate, Sodium Sulphate. Petrol, Kerosene, Animal and Vegetable oils. Chlorinated water, Distilled water

Good to:

Conc. Sulphuric acid, Conc. Hydrochloric acid, Conc. Phosphoric acid. Dilute sodium Hydroxide, Conc. Sodium Hydroxide, Ammonia salts, Dilute Ammonia Hydroxide, Conc. Ammonia Hydroxide. Sodium chloride, Sodium Acetate, Mineral

APPLICATION

Preparation

It is essential that adequate preparation is carried out prior to the application of **PACTOTop 200 SFC**.

For concrete and steel surfaces, grit blasting is recommended. Steel surfaces should be prepared to SA1½ standard. The preparation should ensure the removal of old coatings, laitance, curing compounds, grease and oil.

Any imperfections or "blow holes" should be filled using **PACTOTop EBM 200**

Mixing

The contents of the base can must be stirred thoroughly. The total contents of the hardener component should be added to the base, taking care to scrape the sides of the can. Mechanical mixing must be used incorporating a suitable mixing paddle attached to a heavy duty, slow-speed drill.

Application

The mixed material should be applied by suitable brush. The first coat should be applied to the substrate using a scrubbing action to ensure a uniform build of not less than 200µm. The first coat should be allowed to dry for at least 8 hours at 20° C or 4 hours at 35° C. The maximum quoted overcoat times should also be complied with (see above).



The second coat must be applied exactly as above resulting in a film thickness of at least 200µm. Should spray application be considered, contact our Technical Department.

EQUIPMENT CLEANING

Tools and equipment should be cleaned immediately using **PACTOTop Cleaning Fluid**.

Cured material can only be removed by mechanical means.

PACKAGING AND YIELD

PACTOTop 200 SFC is supplied in two pack sizes, 15 liters

@200µm wft: 5.0m²/liter/coat
(Minimum 2 coats)

N.B. Due to wastage factors and the varied nature of substrates, actual coverage rates may be significantly reduced.

APPLICATION TEMPERATURE RANGE

Minimum 5°C

Maximum 35°C

At temperatures above this range the material should be stored in air conditioned storage. At temperature above 35°C the pot life of the product will be reduced.

NB: **PACTOTop 200 SFC** is not colour stable when exposed to direct sunlight or in contact with some chemicals.

STORAGE AND SHELF LIFE

PACTOTop 200 SFC has a shelf life of 12 months when stored in original containers in a cool dry environment.

HEALTH AND SAFETY

PACTOTop 200 SFC and **PACTOTop Cleaning Fluid** should not come into contact with eyes or skin or be ingested. When using **PACTOTop Cleaning Fluid** ensure adequate ventilation and avoid inhalation of vapour. Wear adequate protective clothing including gloves and eye protection

If contact with skin occurs, rinse with water then clean using soap and water.

If eye contact occurs, rinse with copious amounts of water and seek medical assistance

If swallowed, DO NOT induce vomiting. Seek medical attention immediately.

FLAMMABILITY

PACTOTop 200 SFC is non-flammable

FLASHPOINT

PACTOTop 200 SFC > 150°C

PACTOTop Cleaning Fluid > 40°C



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