



PACTO^{Top} 125 SB

High Performance Epoxy wall & Floor Coating

DESCRIPTION

PACTO^{Top} 125 SB is a high performance solvent-based epoxy coating consisting of two component parts for mixing on-site. The coating, once cured, provides strong semi-flexible layer with good adhesion to cementitious and steel substrates.

TYPICAL USES

PACTO^{Top} 125 SB may be used in industrial and commercial situations to provide a hard wearing, acid resistant coating to floors and walls, such as:

- Production areas
- Dairies
- Beverage production and bottling plants
- Car parks
- Kitchens
- Electro-plating shops
- Processing plants
- It can also be used as a protective coating to steel elements

ADVANTAGES

- High durability, requires low maintenance
- Excellent resistance to a wide range of chemicals
- Easy to clean, hygienic finish
- Available in a range of colours to demarcate areas and provide light reflectance.

TECHNICAL DATA

Typical results @	20°C	30°C
Pot life	4 hrs	2 hrs
Intercoat time (min)	10 hrs	5 hrs
Intercoat time (max)	30 hrs	24 hrs
Tack free time	6 hrs	3 hrs
Exposure times		
Foot traffic	24 hrs	12 hrs
Vehicular traffic	48 hrs	24 hrs
Chemicals	10 hrs	7 days
Full cure @ 30°C		7 days
Typical system thickness (dft, excluding NS Grains)		125 µm

CHEMICAL RESISTANCE CHART

Excellent to:

10% Lactic Acid, 15% Lactic Acid, 10% Citric Acid
 50% Phosphoric Acid, 50% Hydrochloric Acid
 50% Sulphuric Acid, 10% Nitric Acid, Concentrated Bleach, Saturated Sugar Solution, Saturated Urea Solution, White Spirit, Oils, Petrol, Diesel, Greases, Xylene, 10% Ammonia, 50% Caustic Soda

Good to:

Skydrol

Notes:

- **PACTO^{Top} 125 SB** should not be subjected to chemicals until fully cured (min 7 days @ 30°C)
- If chemicals spillage occurs then immediately remove the spillage and wash down with water to prevent any attack or discolouration.

APPLICATION

Preparation

It is essential that adequate preparation is carried out prior to the application of **PACTO^{Top} 125 SB**.

Concrete

Light sweep blasting is strongly recommended to ensure the removal of all laitance, grease and oil. Etching with dilute hydrochloric acid may be carried out, providing the floor is neutralized, wet vacuumed and allowed to dry prior to application.

Steel

Grit blasting to SA½ finish is essential and application should follow international guidelines for steel coating.

Mixing

PACTO^{Top} 125 SB is supplied in a two-component kit consisting of a pigmented base component and a curing agent.



Both of the components should be briefly stirred to ensure that any settlement products are fully suspended.

The entire contents of the curing agent should be emptied into base components ensuring that the sides of the curing agent tin are carefully scraped to removal all of the material.

Application

The mixed product may be applied by brush or roller at the desired thickness.

The quantity of material used per coat and the number of coats may vary dependant on the porosity of the substrate and the surface profile.

The application of excessive volumes of product should be avoided as this will result in solvent entrapment affecting both surfaces finish and the subsequent performances of the coating.

Slip resistant finish

If a slip resistant finish is to be provided, then **PACTOTop NS Grains** of the desired granular size will be required (contact our Technical Department for further information). **PACTOTop NS Grains** are supplied in pre-weighed bags.

For a slip resistance profile the first coat of **PACTOTop 125 SB** is completely blinded with the chosen grade of **PACTOTop NS Grains**. This should be carried out while the coating is still wet.

When the first coat has reached its initial cure (12 hours @ 20°C), the excess aggregate should be removed by vacuum from the surface. The topcoat is then applied by medium pile roller.

EQUIPMENT CLEANING

All equipment may be cleaned of uncured material using water

APPLICATION TEMPERATURE RANGE

Minimum	5°C
Maximum	35°C

At temperatures above the quoted maximum the pot life will be reduced.

PACKAGING AND YIELD

PACTOTop 125 SB is supplied in two-part system with the following recommended coverage rate.

PACTOTop 125 SB

4.5 litres and 15 litres

@100um wft: 10M²/litre per coat
(minimum 2 coats)

PACTOTop NS Grains

25kg bags
@ 2kg net/ M²

Sizes	Fine	150 µm
	Medium	300 µm

STORAGE AND SHELF LIFE

When stored in a cool environment, in original unopened containers, the material has a shelf life of 12 months.

HEALTH AND SAFETY

Contact with skin and eyes should be avoided. It is essential that adequate ventilation is provided and all personnel should avoid inhaling the vapours produced.

If working is necessary in confined areas it is strongly recommended that sealed respiratory equipment is utilized.

Eye Contact

Rinse with copious amounts of clean water and seek medical attention.

Skin Contact

Rinse with copious amounts of clean water followed by thorough cleaning with soap and water.

DO NOT USE SOLVENTS

Ingestion

Seek immediate medical attention.

DO NOT INDUCE VOMITING



FLAMMABILITY

PACTOTop 125 SB and PACTOTop Cleaning Fluid are flammable. Do not expose to naked flames or other sources of ignition.

FLASHPOINT

PACTOTop 125 SB	> 60°C
PACTOTop Cleaning Fluid	> 40°C



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REV. 1- NOVEMBER 2008