



PACTO^{Top} 300 SBH

Solvent based, High Build Epoxy Resin Floor Coating

DESCRIPTION

PACTO^{Top} 300 SBH is a two component solvent based epoxy resin coating. The product forms an extremely hard and durable coating, which is easily cleaned.

TYPICAL USES

PACTO^{Top} 300 SBH provides a coating, which is extremely durable and hardwearing; it also has a high resistance to chemical attack. It is particularly suited to application in areas which are heavily trafficked where maintenance-free life is important. It is suitable in most industrial applications such as dairies, beverage plants, showrooms, and kitchens, assembly areas in production units, covered car parks and aircraft hangers.

ADVANTAGES

- Range of Colours
- Excellent chemicals resistance
- Impermeable surface ensuring ease of cleaning
- Extremely hard wearing enabling long periods between maintenance work

TECHNICAL DATA

Tack free time	8-9 hours at 20°C
Pot life	3.5 hours at 20°C
Time between coats	16-24 hours at 20°C
Initial Hardness	24 hours
Full cure @ 30°C	7 days at 20°C
Typical system thickness	300 µm

CHEMICAL RESISTANCE CHART

Very good to:

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

Good to:

Skydrol

APPLICATION

Preparation

PACTO^{Top} 300 SBH must only be applied to adequately prepared substrates, which should be clean and dry to ensure high adhesion properties.

The floor should be at least 28 days old prior to application and the retained moisture should be below a reading of 75% on a hygrometer. The surface should then be acid etched or lightly grit blasted to remove laitance on new floors and contamination, such as oil and grease, from older floors.

It is appropriate to prime very porous floors with a coat of **PACTO^{Top} Primer**.

Mixing

Both components of **PACTO^{Top} 300 SBH** should be thoroughly stirred prior to being mixed to ensure full dispersion of the suspended material.

The total contents of the hardener component should be added to the base tin and mixed for a full 2 minutes using a slow speed electric drill fitted with a mixing paddle.

Application

The mixed product should be applied using stiff brush or a lambs wool roller ensuring that the area is covered uniformly avoiding the formation of areas with a wet film thickness in excess of 250 micron. This is best done by the use of a wet film gauge. The final coat may be applied once the first coat has become dry to the touch – typically 16-24 hours at 20°C.

If a slip resistant profile is required, the first coat is completely blinded with the chosen grade of **PACTO^{Top} 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 top coat is then applied again by a medium roller. Where a smooth finish is required, the top coat is applied as per the first coat.

For slip resistant floors the topcoat of **PACTOTop 300 SBH** should provide a continuous film of material and also completely seal the surface of the **PACTOTop NS Grains**. The consumption rate of materials for this type of application will be heavier for the top coat due to the increase in the effective area to be coated.

EQUIPMENT CLEANING

PACTOTop 300 SBH should be cleaned from tools and equipment immediately after use using **PACTOTop Cleaning fluid**.

PACKAGING AND YIELD

PACTOTop 300 SBH is supplied in the pack sizes given below with the following recommended coverage rates:

PACTOTop 300 SBH

4.5 litres and 15 litres
@225µm wft:

4.44M²/litre per coat
(Minimum 2 coats)

PACTOTop NS Grains

25kg bags
@ 2kg net/ M²

Sizes

Medium 300µm
Coarse 1mm

APPLICATION TEMPERATURE RANGE

Minimum 5°C
Maximum 35°C

STORAGE AND SHELF LIFE

PACTOTop 300 SBH has a shelf life of 12 months when stored in unopened packs in temperatures between 10 and 30°C and away from sources of heat and naked flame. If stored at higher temperature the shelf life will be reduced.

HEALTH AND SAFETY

PACTOTop 300 SBH and **PACTOTop Cleaning Fluid** should not come into contact with skin or eyes or be swallowed. Avoid inhalation of vapour or spray. Use only in well ventilated areas.

If working in confined spaces, suitable respiratory protective equipment must be worn. Wear suitable protective clothing and eye/face protection, barrier creams or additional skin protection.

FLAMMABILITY

PACTOTop 300 SBH and **PACTOTop Cleaning Fluid** are flammable. No Smoking.

In the event of fire, extinguish with CO₂ or foam. Do not use spray.

FLASHPOINT

PACTOTop 300 SBH > 60°C
PACTOTop Cleaning Fluid > 40°C



P.O. Box no 282 676 Dubai-UAE
Tel: +971 4 885 0 886
Fax: +971 4 885 0 887
Visit us: www.pactechnologies.ae

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