



# PACTO<sub>Top</sub> 110 WB

Water Based Epoxy Resin, Floor & Wall Coating

## DESCRIPTION

**PACTO<sub>Top</sub> 110 WB** is a two component water dispersed epoxy coating. Once cured, it produces a strong semi-flexible layer with good adhesion to cementitious substrates. It is available in matt or gloss finishes.

## TYPICAL USES

**PACTO<sub>Top</sub> 110 WB** may be used in industrial and commercial environments to provide a hard wearing coating to floors and walls, such as:

- Potable water tanks and reservoirs
- Storage areas and showrooms
- Parkings and Garages
- Kitchens and Food production areas
- Abattoirs
- Warehouses – light traffic
- Hospitals and schools

## ADVANTAGES

- Solvent free, odourless, non-toxic and non-flammable
- Good non-yellowing characteristics under UV light
- Resistant to a wide range of chemicals (see Chemical Resistant Chart)
- Easy to clean, hygienic finish
- Variable slip resistance available
- Available in a range of colours to demarcate areas and provide an attractive light reflective floor.

## TECHNICAL DATA

Typical results @	20°C	30°C
Pot life	3 hrs	1½ hrs
Intercoat time (min)	6 hrs	3 hrs
Intercoat time (max)	24 hrs	16 hrs
Initial hardness	24 hrs	16 hrs
Immersion in water	4 days	10 days
Tack free time	hrs	3 hrs
Foot traffic	24 hrs	12 hrs
Vehicular traffic	48 hrs	24 hrs
Chemicals	10 days	7 days
Typical system thickness		400µm

## CHEMICAL RESISTANCE CHART

### Very good to:

50% Phosphoric Acid, 50% Sulphuric Acid, Saturated Urea Solution, White Spirit, Oils , Petrol, Diesel, Grease, Xylene, 10% Ammonia, 50% Caustic soda, Chlorinated water

### Good to:

Skydol, Saturated sugar solution

As In all corrosive situations, a full analysis of operating and exposure conditions is recommended followed by reference to chemical resistance data, to ensure product suitability

## APPLICATION

### Preparation

It is essential that adequate preparation is carried out prior to the application of **PACTO<sub>Top</sub> 110 WB**. Light sweep blasting is strongly recommended to ensure the removal of all laitance, grease and oil. Etching with diluted hydrochloric acid may be carried out in very light traffic environments provided the floor is neutralized, wet vacuumed and allowed to dry prior to application.

### Mixing

**PACTO<sub>Top</sub> 110 WB** is supplied in a two-component pack consisting of a base component and a pigmented curing agent. The clear version has no pigment dispersion.

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 remove all of the material.



The product should be mixed for uniformity, using a slow-speed, heavy-duty drill and mixing paddle, for at least 3 minutes.

### Application

The mixed product may be applied by brush or paint roller. The recommended consumption rate is 14.40m<sup>2</sup>/litre per coat, applying a minimum of two coats. The quantity of material used per coat and the number of coats may vary dependent 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 the subsequent performances of the coating.

### Slip resistant finish

If a slip resistant finish is to be provided, then **PACTOtop AS Aggregates** of the desired granular size will be required. These are supplied in pre-weighed bags.

For a slip resistance profile the first coat of **PACTOtop 110 WB** is completely blinded with the chosen grade of **PACTOtop AS Aggregates**. This should be carried out while the coating is still wet.

When the first coat has reached its initial cure (preferably 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 110 WB** is supplied in pre-weighed two-part system (base and reactor) in 4.5 and 15 litre units at 70µm wft the yield is approx 14.40M<sup>2</sup>/litre per coat (Minimum 2 coats)

**PACTOtop AS Aggregates** is supplied in 25kg bags in 2 Sizes: Fine, 150µm and Medium, 300µm. the yield is approx 2 kg / m<sup>2</sup>

### 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

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (until product is fully cured or dried). Treat splashes to skin and eyes immediately by rinsing with clean water. If accidentally ingested, seek prompt medical attention. Reseal containers after use.

The product flash point is > 150°C



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