

# Setseal BB

Ready to use water based bond breaking wax emulsion compound



## Description

Setseal BB is a water based bond breaking wax emulsion liquid compound refined in composition and performance.

Setseal BB provides a bond breaking physical barrier between panel and casting slab.

Setseal BB's ease of application and reliable bond breaking performance plays a major role in the match-cast, tilt-up (tilt-lift) and lift-slab construction methods using concrete.

## Applications

Setseal BB is used mainly as a bond breaking physical barrier in the construction techniques using concrete:

- ▲ Tilt-up method concrete elements such as walls, columns, structural support, etc.
- ▲ Match-casting of pre-cast concrete segments.
- ▲ Lift-slab method concrete elements such as floor or roof slabs.

## Advantages

- ▲ Stable and free from shelf life restrictions.
- ▲ Low viscosity, easily sprayed or brushed.
- ▲ Economic, ideal quality to cost relation.
- ▲ Water based, non-toxic.

## Method of Use

Setseal BB should be spray applied to the concrete, provided that the surface is not wet. Do not apply if the surface is wet or has bleed water present on the concrete surface when fresh.

Stir Setseal BB well before use to ensure even pigment dispersion. Setseal BB should be spray applied, the spray nozzle should be held approximately 450 mm from the concrete surface and passed back and forth to ensure complete coverage. Pump pressure should be maintained to give an even and fine spray.

For an additional coat, apply an additional coat after an approximately 1 to 2 hours from the first coat depending on weather conditions. The applied film should be protected from rain for at least 3 hours; care should be taken to ensure that the film is not broken.

In case of formed concrete, Setseal BB should be applied immediately after de-shuttering. In such a case, the concrete surface must be dampened with clean water prior to applying of Setseal BB. Dry surfaces may prevent correct film formation and cause absorption of the Setseal BB into the concrete surface, which may lead to staining and difficulty in later degradation and removal.

## Remarks

- ▲ It is important that the complete removal of the Setseal BB is ensured prior to the application of any surface finishes or additional surface treatments.
- ▲ Setseal BB can be removed by using high pressure steam, water jetting or light sand blasting.
- ▲ Setseal BB minimum application temperature is 5°C.

## Cleaning

Tools and equipment can be cleaned with soaped water when wet. Dried Setseal BB should be removed using DCP Solvent.

## Packaging

Setseal BB is available in 25 litre pails and 200 litre drums.

## Coverage

The recommended coverage rate is 3.5 - 5.0 m<sup>2</sup> per litre.

## Storage

Store in a dry area out of direct sunlight between 5°C and 35°C.

## Shelf Life

Setseal BB has a shelf life of 12 months from date of manufacture if stored in proper conditions in un-opened drums.

If these conditions are exceeded, DCP Technical Department should be contacted for advise.

## Cautions

## Health and Safety

Setseal BB is not classified as hazardous material.

# Setseal BB

In case of accidental splashes to the eyes, rinse with clean water and seek medical advice. Suitable protective gloves and goggles should be worn.

For further information refer to the Material Safety Data Sheet.

## Fire

Setseal BB is nonflammable.

DCP Solvent is flammable. Ensure adequate ventilation. Do not use near a flame and do not smoke during use.

### *Flash Point:*

DCP Solvent: 37°C.

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- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

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