

# Estocure WB

## Water Based Concrete Curing Compound

### Description

**Estocure WB** curing compound is a water based liquid curing compounds for the prevention of premature water loss in concrete.

**Estocure WB** is applied to fresh concrete surfaces to form a fast dry, thin flexible and tough, impervious membrane which protects the concrete from rapid water evaporation during initial curing stages, thereby assisting towards obtaining maximum strength, durability and helping towards the elimination of shrinkage cracks and surface dusting

**Estocure WB has been tested by SIRIM BHD, in accordance to BS 7542:1992, on Curing Efficiency Index and complied with the specification in this data sheet.**

### Uses

**Estocure WB** is particularly useful in large areas of exposed concrete such as:

- Roof & bridge decks
- Aprons, hard standing & retaining walls
- Pre-stressed beams and piers, etc.
- Highways, runways and taxiways
- Column, beam & precast unit

### Advantages

- High curing efficiency enable cement to hydrate better
- One time application reduces labour cost
- Reduce surface shrinkage & cracking
- Save time and eliminates need for damp Hessian and polythene sheet
- Disintegrated under ultra violet light or abrasion.
- Proven and predictable performance

### Standards Compliance

- **BS 7542:1992**

### Physical Properties

Curing Efficiency Index, BS 7542, 1992	> 75%
Specific Gravity at 25°C	1.00 – 1.05
Colour	Milky White
Dry Film Colour	Clear Film
Dry Film @30 °C (approx.)	1-2hrs

### Application Instructions

#### Application

**Estocure WB** products are supplied ready to use and should not be diluted with water. Stir well before use.

All loose particles should be removed and honeycomb to be repaired. **Estocure WB** is applied in a thin even coat using spray equipment to the fresh concrete immediately after the free surface water has evaporated. Do not apply if bleed water is forming, or is present on the concrete surface.

The nozzle of the spray should be held approximately 500mm from the concrete surface and passed back and forth to ensure complete coverage.

After application of **Estocure WB**, it should be protected from rain for at least 3 hours.

Total disintegration of the membrane normally occurs after 5 weeks of application if the application rate is correct (5m<sup>2</sup>/litre).

Where subsequent surface treatment is to be undertaken before total disintegration of the membrane, **Estocure WB** film shall be removed.

**Estocure WB** should not be applied to dry concrete. It is imperative that the concrete be wet before applying **Estocure WB**. If this is not done, permanent staining will result.

#### Packing & Size

Estocure WB	210 litre drum
	20 litre pail

#### Coverage

Estocure WB WB	5 m <sup>2</sup> per litre
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#### Technical Support

Denka offers a comprehensive range of high performance, high quality of repair product for both new and existing concrete surfaces. In addition, the company offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance.

#### Storage

**Estocure WB** have a shelf life of 12 months at ambient room temperature in unopened condition.

If stored in extreme heat locations the shelf life may be reduced.

#### Precaution

**Estocure WB** should not be swallowed and avoid to be in contact with skin or eyes. Wear gloves and goggles for protection. If swallowed, seek medical attention immediately

Do not induce vomiting.

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## Additional Information

**Denka Construction Solutions Malaysia Sdn Bhd** offers a wide range of complementary products, which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spalled concrete are available.



**Denka Construction Solutions Malaysia Sdn Bhd**  
(591858-U)

No. 18, Jalan Utas 15/7, Seksyen 15,  
40200 Shah Alam, Selangor Darul Ehsan, Malaysia  
Tel: +603 5510 8810 Fax: +603 5518 8202

[www.denka-cs.com](http://www.denka-cs.com)

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