

# EVA-CON

Evaporation control compound for concrete



## Description

EVA-CON is a concentrated, water based polymer liquid which controls the evaporation rate from fresh concrete. EVA-CON forms a thin continuous monomolecular film when applied to fresh concrete surfaces, which temporarily reduces rapid moisture loss from the concrete surface.

## Applications

EVA-CON is used mainly for fresh concrete to retain sufficient moisture and control the evaporation rate so that it will minimize the problem of rapid drying in high temperatures and low humidity and windy conditions. Typical applications include:

- ▲ Plain concrete.
- ▲ Reinforced concrete.
- ▲ Silica-fume concrete.
- ▲ Cementitious floor hardeners (after screeding).

## Advantages

- ▲ Reduces evaporation rate.
- ▲ Reduces shrinkage cracks.
- ▲ Improves cement hydration.
- ▲ Economic, easy to dilute.
- ▲ Control the surface condition of slabs.

## Method of Use

### Dilution

Mix 1 volume of EVA-CON with 10 volume of clean cool water until a uniform solution is obtained.

*Note: stir the concentrate before dilution.*

Eva-CON should be spray applied immediately after bull floating.

The spray nozzle should be held approximately 450 mm from the concrete surface.

### Cleaning

Tools and equipment can be cleaned with soaped water when wet. Dried EVA-CON should be removed with DCP Solvent.

### Technical Properties:

Colour:	Pinkish
Specific gravity:	1

## Packaging

EVA-CON is available in 25 litre pails and 200 litre drums.

## Coverage

The recommended coverage rate for diluted solution (10 to 1) is 5 - 10 m<sup>2</sup>/litre.

## Storage

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

## Shelf Life

EVA-CON 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

EVA-CON is not classified as hazardous material.

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

For further information refer to the Material Safety Data Sheet.

### Fire

EVA-CON is water based and is nonflammable. DCP Solvent is flammable. Ensure adequate ventilation. Do not use near a naked flame and do not smoke during use.

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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.

**Note:**

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

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