

# Cemairin® Block E50

Efflorescence control and colour enhancing admixture (Formerly known as Hyperplast Block E50)



## DESCRIPTION

Cemairin Block E50 is a liquid concrete admixture formulated from selected organic materials specially designed to enhance the physical properties and overall appearance of manufactured concrete product.

Cemairin Block E50 inhibits the formation of excessive water-soluble salts that are known to cause efflorescence on the surface of concrete products. It also plasticizes the concrete mix aiding in the zero-slump manufacturing process.

## APPLICATIONS

Cemairin Block E50 is used to provide colour enhancement and efflorescence control to manufactured concrete product such as concrete paving stones, segmental retaining wall units (SRW), architectural concrete masonry units and concrete bricks.

## ADVANTAGES

- » Improves cement and pigment dispersion.
- » Produces more durable concrete, lower in absorption.
- » Minimizes efflorescence
- » Enhances colour.
- » Chloride free.

## COMPATIBILITY

Cemairin Block E50 is suitable to use with all types of Portland cement and cement replacement materials. Cemairin Block E50 can be used in combination with other DCP admixtures to achieve specific working requirements.

For more information, please contact DCP's Technical Department.

## METHOD OF USE

Cemairin Block E50 should be added to the concrete with the mixing water to achieve optimum performance.

An automatic dispenser should be used to dispense the correct quantity of Cemairin Block E50 to the concrete mix.

## TECHNICAL PROPERTIES @ 77°F (25°C):

Colour:	Turbid yellowish liquid
Freezing point:	≈ 32°F (0°C)
Specific gravity:	1.02 ± 0.02
Chloride content:	Chloride-free

## DOSAGE

The guidance dosage of Cemairin Block E50 is 5 - 35 fl oz/100 lb (325 - 2280 ml/100 kg) of cement or cementitious materials in the mix including GGBFS, PFA or micro-silica.

Representative trials should be first conducted to determine the optimum dosage of Cemairin Block E50 to meet the performance requirements by using the materials and conditions in actual use.

## CLEANING

Clean Cemairin Block E50 with fresh cold water.

## PACKAGING

Cemairin Block E50 is available in 5 gal (19 litre) containers as well as 275 gal (1,041 litre) and 330 gal (1,249 litre) IBC totes. Bulk supply in tanker trucks is also available upon request.

## STORAGE

Cemairin Block E50 has a minimum shelf life of 12 months from date of manufacture if stored at temperatures between 35°F and 122°F (2°C and 50°C).

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



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## CAUTIONS

### HEALTH AND SAFETY

Cemairin Block E50 is not classified as a hazardous material. Cemairin Block E50 should not come into contact with skin and eyes.

In case of contact with eyes, immediately flush with plenty of water and seek medical attention.

For further information refer to the Material Safety Data Sheet.

### FIRE

Cemairin Block E50 is nonflammable.

## WARRANTY

Unless expressly stated otherwise in the Sales Documents, the Limited Warranty shall expire on the expiry date listed on the Product's label or packaging. The full text of DCP's limited warranty is found in DCP's standard terms and conditions of sale (the "Terms"), which are available at [DCP Website/USA – Terms & Conditions](#). DCP's limited warranty is in all cases subject to, and conditioned upon, the Terms.

## MORE FROM DON CONSTRUCTION PRODUCTS

A wide range of construction chemical products are manufactured by DCP which include:

- » 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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[www.dcp-int.com](http://www.dcp-int.com)

### 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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DCP Building Excellence