

Cemairin® Block R15



Water-based, integral water repellent and efflorescence control admixture

DESCRIPTION

Cemairin Block R15 is a water-based, ready to use multi-purpose integral concrete waterproofing admixture specially formulated to improve the durability of concrete block, pipe, roofing tiles, concrete brick and pavers.

APPLICATIONS

Cemairin Block R15 provides excellent water repellency to concrete systems such as:

- » Concrete paving stones and tiles.
- » Concrete roofing tiles.
- » Precast concrete elements.
- » Architectural building blocks and bricks.

ADVANTAGES

- » Reduces capillary water absorption.
- » Minimizes the risk of efflorescence and dirt pick-up.
- » Provides a better color intensity and uniformity.
- » Reduces the growth of algae and fungi on concrete surfaces.
- » Increasing the physical properties such as compressive, flexural and tensile strength.
- » Improves the color shades and thus reduces the needed pigment dosages.
- » Highly alkaline resistant.
- » Provides a better demolding and sharper edges.
- » Reduces chloride intrusion.

DOSAGE

Use Cemairin Block R15 at a dosage of 7.5 to 23 fl oz/100 lb (500 - 1,500 ml/100 kg) from cementitious material. Cemairin Block R15 should be added after adding the final needed amount of water to the system. And allow for 2 minutes mixing time.

PACKAGING

Cemairin Block R15 is available in 5 gal (19 litre) containers as well as 275 gal (1,041 litre) IBC totes. Bulk supply in tanker trucks is also available upon request.

TECHNICAL PROPERTIES @ 77°F (25°C):

Color:	White, low viscosity liquid
Freezing point:	≈ 30°F (-1°C)
Specific gravity:	0.99 ± 0.02
pH:	8 - 10

STORAGE

Cemairin Block R15 should be stored under cover at a minimum ambient temperature of 41°F (5°C).

SHELF LIFE

Cemairin Block R15 has a minimum shelf life of 12 months from date of manufacture if stored in good conditions and sealed drums.

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

CAUTIONS

HEALTH AND SAFETY

Care should be taken during use and storage to avoid contact with skin, eyes and mouth. Wear suitable protective clothing, gloves and eye/face protection.

Should accidental skin or eye contact occur, immediately flush the affected area with plenty of water. If swallowed, seek medical attention immediately. Do not induce vomiting.

For further information refer to the Material Safety Data sheet.

FIRE

Cemairin Block R15 is nonflammable.



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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.

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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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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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