

Blockadd R15

Water based, integral water repellent and efflorescence control admixture



Description

Blockadd R15 is a water based, ready to use multi-purpose integral concrete waterproofing admixture.

Blockadd R15 acts as a water repellent and efflorescence control system.

Applications

Blockadd R15 provides excellent water repellency to concrete systems such as:

- ▲ Concrete paving stones and tiles.
- ▲ Concrete roofing tiles.
- ▲ Concrete prefab industry.
- ▲ Architectural and building blocks and bricks.
- ▲ Segmental retaining walls.
- ▲ Masonry industry.

Advantages

- ▲ Reduces capillary water absorption.
- ▲ Suppression of efflorescence.
- ▲ Colour intensity and uniformity.
- ▲ Reduction of algae, fungi and mass growth on surfaces.
- ▲ Reduction of dirt pick-up.
- ▲ Faster drying process, which will increase the production rate.
- ▲ Increasing the physical properties such as compressive, flexural and tensile strength.
- ▲ Gives stronger colour shades which reflects in reduction of pigment levels.
- ▲ Highly alkaline resistant.
- ▲ During the manufacturing process, it will give better demoulding, and provide sharper edges.
- ▲ Reduces chloride intrusion.
- ▲ Breathable, allows for water vapour release.
- ▲ Suitable as an aqueous deeply penetrating primer for coatings like, emulsion and silicone resin paints and synthetic resin plasters.

Dosage

Use Blockadd R15 at a dosage between 0.50 - 1.50% from cementitious material.

Blockadd R15 should be added after adding the final needed amount of water to the system. And allow for 2 minutes mixing time.

Technical Properties @ 25°C:

Color:	White, low viscosity liquid
Freezing point:	-1°C
Specific gravity:	0.98 - 1.00
VOC:	Solvent free system, passes lead requirements
pH:	8 - 10

Packaging

Blockadd R15 is available in 1, 5, 20 litre pails, and 210 litre drums.

Storage

Blockadd R15 should be stored under cover at a minimum ambient temperature of 5°C.

Shelf Life

Blockadd R15 has a 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 contact occur, remove immediately with plenty of clean water. If swallowed, seek medical attention immediately - do not induce vomiting.

For further information refer to the Material Safety Data sheet.

Fire

Blockadd R15 is non-flammable.

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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:

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