

Cemairin[®] Block M

Admixture for masonry mortar (Formerly known as Hyperplast Block M)



DESCRIPTION

Cemairin Block M is a liquid mortar admixture specially designed to provide an integral water repellent and bond enhancing admixture for masonry mortar.

Cemairin Block M improves the workability of the fresh mortar mix and significantly reduces the amount of water absorbed by the hardened masonry mortar.

APPLICATIONS

Cemairin Block M is used to provide moisture control for the mortar used in masonry structures. The product is used in conjunction with Cemairin Block R range of CMU admixtures to provide a system of water repelling CMU and mortar offering long lasting resistance to water penetration.

ADVANTAGES

- » Enhances the bond between the mortar and concrete masonry units.
- » Produces a water repellent mortar throughout the depth of the mortar joint.
- » Improves workability.
- » Minimizes efflorescence at the mortar joint.
- » Chloride-free.

METHOD OF USE

Cemairin Block M should be added to the mortar with the mixing water to achieve optimum performance. Allow for a minimum of 5 minutes of mixing time after all admixtures have been added to the mixer.

DOSAGE

The guidance dosage of Cemairin Block M is 14 - 26 oz/3 ft³ (5 - 9 L/ m³) of mortar. This rate is achieved by adding approximately 0.26 gal (1 L) of Cemairin Block M admixture per bag of Portland cement in cement/lime mortars or 0.13 gal (0.5 L) per bag of masonry or mortar cement.

Representative trials should be first conducted to determine the optimum dosage of Cemairin Block M to meet the performance requirements by using the materials and conditions in actual use. When pigments are used to provide a specific color tone, trial batches are strongly recommended to ensure the desired color is reached.

TECHNICAL PROPERTIES @ 77°F (25°C):

Colour:	White liquid
pH:	8 - 10
Specific gravity:	0.99 ± 0.02
Chloride content:	Chloride-free

POINTS TO BE CONSIDERED AFFECTING WATER-REPELLENCY

The water repellency of mortar joints is a function of:

- i. The ability of the mortar to resist water penetration.
- ii. The geometry of the mortar joint.
- iii. The proper tooling of the mortar joint.

A well-tooled concave joint profile is recommended as it has been shown to provide the optimum resistance to water penetration.

CLEANING

Excess fresh mortar containing Cemairin Block M should be cleaned from the face of the CMU as soon as possible using fresh cold water. This is in order to avoid the mortar hardening and having to use strong acids or high pressure cleaning which might be harmful to the masonry units and mortar joints.

PACKAGING

Cemairin Block M 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 M 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 M is not classified as a hazardous material. Cemairin Block M 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 M 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.

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Don Construction Products Inc.

Lancaster, SC 2970, USA

info.usa@dcp-int.com

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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