

COSTAR BLOCK 10

Admixture for Masonry Blocks



PRODUCT DESCRIPTION

Costar Block 10 is a biodegradable admixture for masonry blocks specifically designed for manufacturing of hollow blocks. It provides a more efficient utilization of mixing water thereby enhancing workability, moldability and appearance of the masonry unit. It is designed for use with zero or low slump concrete commonly used in the manufacture of masonry blocks and is compatible with all types of Portland cement. Costar Block 10 exhibit improved enhanced cohesion, moldability, and increased early age strength when added to a mortar mix. It functions by improving more efficiently the utilization of mixing water thus aiding the dispersion of cement particles. Costar Block 10 can be utilized where an improvement in appearance of the masonry unit is required.

FEATURES

- Improved Workability
- Excellent Finishing / Appearance

- Plasticizes for a better compaction
- Reduces wear and tear on Machinery
- Shrinkage Reduction.
- Improves production rates by increasing early age strength.
- More efficient utilization of mixing water

MIXING

Add Costar Block 10 to the mixing water for maximum performance.

DOSAGE

Optimum dosage should be determined by site trials.

SPILLAGE

Spillages of product should be absorbed onto sand, earth or vermiculite and transferred to suitable containers. Remnants should be hosed down with large quantities of water

TECHNICAL PROPERTIES

Packaging	20L, 210L, 1000L
Appearance	Brown Liquid
Shelf life	12 months minimum from production date
Density	1.2 + 0.02kg/litre@ 25°C
PH	7.0 ± 1
Recommended dosage	Recommended dosage: 1 - 2.0 % by weight of cement. It is advisable to carry out trial mixes to establish the exact dosage rate required
Chloride content	Nil as per BS 5075
Air entrainment	Less than 2% as per ISO 9103
Corrosion behavior	Component were selected according to EN934-1: Annex A.1



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SHELF LIFE

Shelf life is 12 months provided the temperature is kept within the range of 5°C to 50°C.

STANDARD COMPLIANCE

Conforms to the requirement of ASTM C494 type S

HANDLING PRECAUTIONS

Precautions for safe handling

- Avoid inhalation of mists/vapors while applying product.
- Avoid skin contact.

Conditions for safe storage and disposal

- Keep only in the original container in a cool, dry, ventilated place away from fire, heat, or flame.
- Protect product from direct ultra-violet or sun light.
- Dispose of contents/container to hazardous or special waste collection point.

HEALTH & SAFETY

- Please ensure that hand gloves and goggles are worn during installation
- Apply in ventilated areas, away from flames
- It is only important that during application and after application, standard safety procedures are done.
- Please consult current MSDS for product.
- *For Professional Use only.*

ADDITIONAL INFORMATION

Costarchem manufactures a complete range of construction chemical products which include:

- Concrete admixtures
- Waterproofing system
- Flooring system
- Cementitious and epoxy precision grouts
- Damp-proofing products
- Sealants and adhesives
- Repair and refurbishment systems

For more information on any of our products, please contact Costarchem global or regional office.

LEGAL NOTE

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