

# COSTAR BLOCK 20

## Fast Setting Admixture for Masonry Blocks



### PRODUCT DESCRIPTION

Costar Block 20 is a rapid-setting, environmentally friendly admixture intended for masonry blocks, specially formulated for the production of hollow blocks. It optimizes the usage of mixing water, resulting in improved workability, moldability, and overall appearance of the masonry units. This admixture is compatible with all varieties of Portland cement. 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 20 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 20 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

Costar Block 20 to be Added 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

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

The information and recommendations relating to the application of Costarchem products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the stated recommendations in the product datasheets. Whilst Costarchem endeavors to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it. The user of the product must test the product's suitability for the intended application and purpose. Costarchem reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.