



MegaAir

Air Entraining, Plasticising Concrete
and Mortar Admixture

DESCRIPTION **MegaAir** is a liquid air entraining admixture that is chloride-ion free and is based on specially formulated surfactants. It can be used in concrete and mortar mixes.

STANDARD BSEN 934-3, ASTM C260

USES **MegaAir** is used to improve the workability, cohesion and durability of concrete and mortar by the entrainment of microscopic air bubbles of controlled size and spacing, uniformly distributed throughout the mix, reducing surface scaling and concrete failures. It is used to produce concrete/mortars resistant to attack by frost and deicing salts, light weight foam concrete etc.

ADVANTAGES

- Protects against freezing and thawing
- Improves permeability
- Improves workability
- Improves durability
- Increases cohesion of mixes
- Volume yield of concrete and mortar is increased
- Improves harsh mixes
- Highly effective for mixes containing dusty aggregates

TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Component	-	Single
Form	-	Liquid
Colour	-	Opaque Liquid
Specific Gravity	ASTM C494	1.02 +/- 0.02
Chloride Content	BSEN 480-10	Nil to BSEN 934-2
pH	ASTM C494	7-9

COMPATIBILITY **MegaAir** can be used with all types of cements and cementitious materials like fly ash, GGBS, micro silica, etc.

DOSAGE Recommended dosage is 0.03 - 0.25% by weight of cementitious material. Optimum dosage of **MegaAir** and effect on concrete properties such as workability, strength, setting time, etc. are best assessed after preliminary tests on site using the actual materials of mixes under consideration.

EFFECT OF OVERDOSING Overdosing may result in high air content which in turn will result in low strength.

PACK SIZE 20 ltr and 200 ltr



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DISPENSING **MegaAir** should be directly dispensed into the concrete mixer along with the mixing water.

NOTE **MegaAir (C)**, concentrated liquid air entraining admixture to produce foam concrete is available on request.

GENERAL INFORMATION

Shelf Life	12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.
Cleaning	Clean all equipment and tools with water immediately after use.

HEALTH and SAFETY

PPE's	Gloves, goggles and suitable mask must be worn.
Precautions	Contact with skin, eyes etc. must be avoided. If swallowed seek medical attention immediately.
Hazard	Regarded as non-hazardous for transportation.
Disposal	Do not reuse containers. To be disposed off as per local rules and regulations.
Additional Information	Refer MSDS. (Available on request)

TECHNICAL SERVICE **CONMIX Technical Services** are available on request for onsite support to assist in the correct use of its products.



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