

Centrament Air 209 (Formerly Known As MegaAir)

Air Entraining, Plasticising Concrete and Mortar Admixture.

Description

Centrament Air 209 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.

Standards

BSEN 934-3, ASTM C260

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

Application

Areas of application

Centrament Air 209 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.

Compatibility

Centrament Air 209 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 Centrament Air 209 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.

Effects of Overdosing

Overdosing may result in high air content which in turn will result in low strength

Typical Properties at 25°C

Property	Test Method	Value
Specific Gravity	ASTM C494	1.02 +/- 0.02
Component	-	Single
Form	-	Liquid
Colour	-	Brown
Chloride Content	BSEN 480-10	Nil to BSEN 934-2
PH	ASTM C494	7 - 9

General Information

Package Size	20 ltr
Shelf Life	12 months from date of manufacture when stored under warehouse conditions
Cleaning	Clean all equipments and tools with water immediately after use

Health and Safety

PPE's	Gloves, goggles and suitable mask must be worn.
Precaution	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 Support	MC Technical Services are available on request for on site support to assist in the correct use of its products.
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NOTE:

It is the customer's responsibility to satisfy themselves by checking with the company whether information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current data sheets. However, MC-Bauchemie does not warrant or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendations relating to application and end use are given in good faith. The products are guaranteed against any manufacturing defects and are sold subject to MC- Bauchemie's standard terms and conditions of sale.