

CAT NO. ADM-6-2009

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# ISOLA AEA

## Air Entraining Admixture

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**ISOLA AEA** is a ready to use concentrated liquid admixture for entraining air into fresh concrete. **ISOLA AEA** is specially formulated to produce stable and evenly distributed air voids within the concrete matrix resulting in improved workability, cohesiveness and durability. **ISOLA AEA** does not contain any chlorides.

### USES

**ISOLA AEA** is used in normal or zero slump concrete structures like roads, dams & reservoirs, airport runways/ taxi ways, precast concrete pipes and other mass structures.

### ADVANTAGES

- Improved workability and durability.
- Gives stable air void system with uniform void size and spacing.
- Improves cohesiveness of mix reducing segregation.
- Reduce water content without loss in workability.
- Resistant to de-icing salts
- Increases placeability of zero slump concrete.

### SPECIFICATION

**ISOLA AEA** conforms with the requirement of ASTM, C 260 and BS EN 934-2.

### DOSAGE

Starting dosage is from 0.05 to 0.4 liter per 100 kilogram cement. Optimum dosage should first be determined by carrying out trial mixes. It should be noted that increasing air content lowers the strength of concrete. For a given / designed air content in concrete, quantity is varied and subject to many factors such as ingredients, ambient temperature, grading of sand/ aggregates, etc.

### DISPENSING

**ISOLA AEA** should be mixed first with water and added to damp aggregates. Cement is added last. Any other admixture should be added separately.

### COMPATIBILITY

**ISOLA AEA** is compatible with ISOPLAS BT, GN, BV and PS. However, each admixture should be added separately to the concrete mixture.

### PACKING/ SHELF LIFE

**ISOLA AEA** is packed in 20 and 210 liter drum and has a minimum shelf life of twelve (12) months when stored in covered condition.

### HEALTH/ SAFETY

**ISOLA AEA** is mildly alkaline and may cause some skin irritation to sensitive persons. It is always advisable to wear impermeable rubber gloves and eye goggles when handling chemicals. If accidentally spilled on the skin or eyes, wash immediately with plenty of clean water. If irritation persist, seek medical attention. **ISOLA AEA** is non-flammable. For further safety information, refer to MSDS.

Revised: 15.01.2023

Technical information, data are to be considered as typical values and not sales specification. Actual measured values may vary due to factors beyond our control. Indications concerning function and application of the products are empirical. Although the information is believed to be accurate, there is no warranty by ISOLA. None of the recommendations becomes part of the warranted quality of the products. Due to the fact that the conditions of individual use are beyond ISOLA's direct and continuous control, ISOLA disclaims all responsibility in connection with the use of its products and does not warrant against any loss direct or consequential

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