

# ISO AIR 333<sup>®</sup>

The ISOTEC logo consists of the word "ISOTEC" in white, bold, sans-serif capital letters, centered within a red shield-shaped background.

## Air Entraining And Plasticizing Admixture

### FEATURES

**ISO AIR 333<sup>®</sup>** is an air entraining and plasticizing AGENT specially developed for hot climate conditions where workability retention is sought And needed.

**ISO AIR 333<sup>®</sup>** creates stable microscopic air bubbles in concrete and mortar.

**ISO AIR 333<sup>®</sup>** has a plasticizing effect. It limits the amount of segregation and reduces, or even eliminates, bleeding.

**ISO AIR 333<sup>®</sup>** prevents many compatibility problems between cement / sand / admixtures.

**ISO AIR 333<sup>®</sup>** reduces the surface tension of water and ensures a strong plasticizing effect thereby. This leads on to a significant improvement in concrete's workability, finishing and compaction.

### Areas of Application

- All types of cement
- Dry and semi dry concretes
- Extruded concrete
- Optimization of coarse sand particle size distribution
- Concrete pavements and roads
- Dams
- Motorway slabs
- Marine construction
- Airport runways
- Reservoirs

### Compatibility

**ISO AIR 333<sup>®</sup>** is suitable for concrete designs containing OPC or SRC cement, micro-silica or silica fume, fly ash (PFA) and ground granulated blast furnace slag (GGBS).

### TECHNICAL DATA

Homogeneity	Homogenous
Colour	Dark Brown
State	Liquid
Density	1.1 g/cm <sup>3</sup> ± 0.02
pH-value	6 ± 2
Chloride content	Chloride free acc.
Alkali content (Na <sub>2</sub> O equivalent)	< 8.5 mass-%
Workability	From +1 °C

### Standard specifications

This product has been designed to conform to NF 085 (NF EN 934-2). It complies with ASTM C494

Type D and BS 5075.

### Dosage

The general dosage range is 0.2 - 1.0 mass-% of the cement content.

### Precaution

Should the product freeze, it will recover its properties. After thawing, an efficient agitation is necessary until the product is entirely homogeneous again.

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**ISO AIR 333<sup>®</sup>** is available in IBC and other pack size.

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## Air Entraining And Plasticizing Admixture

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### STORAGE

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Store under cover, out of direct sunlight and protect from extremes of temperature.

### Shelf Life

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Approx. 1 year from date of production if stored properly.

### HEALTH & SAFETY

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**ISO AIR 333<sup>®</sup>** is for industrial use only by trained operatives.  
This product is potentially hazardous if not used correctly.

### Legal Notes

The information provided in this data sheet, are given in good faith based on our current knowledge and experience of the product when properly stored, and applied by professional applicator, and under normal conditions in accordance with the mentioned recommendations. In practice under actual site condition differences are such that no warranty can be issued nor any liability can be taken, arising out of any legal relationship whatsoever. The product must be tested onsite to check its suitability for the intended application and purpose



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**[www.isotec-eg.com](http://www.isotec-eg.com)**