

ISOSPHERE 60

Air Entrainer



Characteristics

ISOSPHERE 60 is an air entraining agent (LP) on surfactant base having the function to equally add minute air pores to the concrete to improve resistance against freeze/thaw agents as well as to reduce bleeding and settlement.

Technical Data

Additive:	Surfactant
Density (20 °C):	1,00 ± 0,02 g/cm ³
Cl-content:	≤ 0,10 M.-%
Na ₂ O-equivalent:	≤ 3,00 M.-%
Colour and form:	light blue liquid
Recommended range of dosage:	0,1– 2,5 M.-% by weight of cement

Effects

- Introduction of microair pores
- Improvement of workability
- Low plasticising effect
- Reduction of compressive strength
- Reduction of bleeding and settlement
- Interruption of the capillary pores

Application

ISOSPHERE 60 is suitable for:

- Cement-bound building material systems
- Concrete with high freeze/thaw resistance

Admission

- **ISOSPHERE 60** corresponds to the regulations of **EN 934-1** and **EN 934-2, Tab. 5**

Storage

Storage life is 12 months from date of manufacture if stored correctly (tightly closed at > +5 °C):

- Keep storage containers and tanks **tightly closed**
- Protect product from **frost, heat and direct sunlight**
- This admixture shall not be taken to comply with **EN 934-2** after 12 months from date of manufacture

Contact

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Note: The raw materials used and the products manufactured by us are submitted to precise plant control. The content of our technical leaflet is based on three decades of experience, research and technical back up. Due to continuous development and varying applications we reserve the right to revise and improve our product. Our technical department and experts are available to give assistance on request. An advantage you should make use of!