

ARSET AIR

AIR ENTRAINING CONCRETE ADMIXTURE

Product Definition

ARSET AIR is an air entraining admixture for concrete. It is used for workable and durable concrete production in order to protect the concrete against freeze-thaw effects.

Technical Properties

Chemical base	Surface active agent
Color, Appearance	Yellowish or clear transparent liquid
pH	4,0 – 9,0
Density	1,01 ± 0,02 g/cm ³
Chlorine Content (%)	<0,1 (EN 480-10)
Alkaline Content (%)	<5,0 (EN 480-12)
Compliance with Standards	TS EN 934-2

Advantages

- Improves workability.
- Increases freeze-thaw resistance.
- Increases resistance of concrete against de-icing salt.
- Increases durability
- Decreases water quantity without loss of workability.
- Reduces the risk of segregation
- Improves cohesion.

Area of Use

- Airports, runways and taxiways
- Concrete roads
- Dams and reservoirs
- Mass concrete structures.

Consumption Dosage

ARSET AIR usage ratio is % 0,02-0,15 of total binder content.

Method of Application

ARSET AIR is added to the mixing water before the mixing water is introduced to the aggregate. If used with other admixtures, each admixture should be added to the mix separately.

Compatibility with other admixtures

ARSET AIR can be combined with the following admixtures. Laboratory tests should be carried out before use.

- Arstep/ Arstep Extra / Degaset Series
- Arset Friz
- Arset Retard

Packing

- 25 kg plastic drum
- 200 kg drum
- 1000 kg container
- Bulk

Storage and Shelf Life

Must be stored at temperatures between +5°C and +35°C. Under proper storing conditions, the product's shelf life is 12 months from production date if kept in original packaging unopened and undamaged. Packaged products must be shaken before use.

Warning

Concrete mix design and admixture dosage should be determined by laboratory tests according to the concrete class and properties. If used over the stated dosage it may affect the durability of concrete negatively.

Safety Precautions

Use protective clothes, gloves, glasses and mask compatible with Health and Safety regulations during the application. It should not contact skin and eyes. In case it contacts to skin and eyes, rinse it with water and if swallowed ask for medical help. Food and beverage should not be allowed in the application area. It should be stored at the reach out of the children. The Safety Data Sheet (SDS) should be read for detailed information.

Responsibility: The information given in this technical data sheet is based on the applications carried out in our field of production and latest technological developments. YAPICHEM KİMYA SAN. A.Ş. is only responsible for the quality of product. YAPICHEM KİMYA SAN. A.Ş. cannot be responsible for the results due to the wrong use of the product and/or apart from the written recommendations regarding the area of use and application method. This technical data sheet makes the prior issues void.