

# ARSET DOZ 100

## CONCRETE CONSISTENCY REGULATING RESLUMP ADMIXTURE

### Product Definition

ARSET DOZ 100 is a concrete consistency regulating reslump admixture that is mixed to concrete on site to improve pumpability and placing of concrete with low consistency.

### Technical Properties

Chemical Content	Modified polymer
Colour, Appearance	Brown liquid
pH	7-10
Density	1,13 ± 0,03 g/cm <sup>3</sup>
Chlorine Content (%)	<0,1 (EN 480-10)

### Advantages

- Improves workability of concrete with low consistency
- Prevents strength loss of concrete
- Shortens pumping time
- By improving concrete consistency, it makes pumpability possible.
- ARSET DOZ 100 is chloride free and thus, does not harm reinforcements.

### Area of Use

- Ready mix concrete
- In order to overcome slump loss problem due to hot and windy weather conditions and long transportation periods during summer

### Consumption Dosage

ARSET DOZ 100 is used % 0,4-1,1 of total binder.

### Method of Application

ARSET DOZ 100 is directly added to the concrete with low consistency. After the admixture is added to the concrete, further mixing within the truck mixer obtaining at the maximum speed (~15 rpm) for 3 minutes is required for homogenous mixture. After adding Arset Doz upon validating by slump testing and observation, if the required slump level is obtained concrete pumping can be started.

### Compatibility with Other Admixtures

ARSET DOZ 100 can be combined with the following admixtures. Laboratory tests should be carried out before use.

- Arstep / Arstep Extra / Degaset Series
- Arset Air
- Arset Proof
- Arset Kristalize

### Packing

- 30 kg plastic drum
- 250 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.

### 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 Material Safety Data Sheet (MSDS) 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.