

ATEK-211

Naphthalene base Water Reducer (AE) and superplasticizer

Description

ATEK-211 high range water reducer and superplasticizer composed of naphthalene copolymer.

Use

- High strength concrete.
- Shotcrete.
- Chemical resistant concrete.
- precast concrete.
- Light weight concrete.

Features

- High range water reducing. (over 20%)
- Has excellent dispersion ability.
- High water reducing power enables high durability and high strength concrete.
- No set retardation phenomenon and lower no air entrainment.
 - Low drying shrinkage.
 - Improve the ultimate strength performance of concrete.
 - Improve the durability of the concrete.

Technical data

Appearance	Dark brown liquid
Specific gravity (20°C)	1.060~1.340g/ml
pH value	5.0~9.0
Thermal stability	5°C to 50°C
Dosage	C×0.1~3.0%

Application

- Use proper quantity after the site tests
- Both admixture with water at a time or admixture afterwards are possible for concrete.
- Enough mixing is recommended for admixture afterwards.

Caution

ATEK-211 is possible to use 0.1 ~3.0% of cement weight however it is advisable to adjust using a mount through intra laboratory test because it is characteristics vary depending on using material and its mixing.

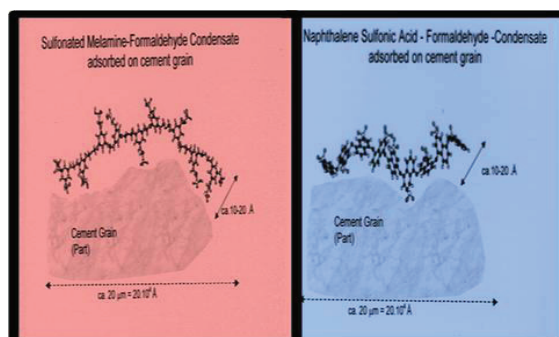
For further information, see the Material Safety Data Sheet.

Storage

Store in warm place preventing from freezing. Contents should not be exposed for a long time.

Packing

ATEK-211 is available in 200L PE drums and 1000L PE tanks.



Precast concrete



Shotcrete