



CONCET AE

Air-entraining agent for Concrete

DESCRIPTION

CONCET AE is an aqueous solution of modified resins used for proper air control under a widerange of temperatures. CONCET AE is specifically formulated for use as an air entraining admix-ture for concrete of all types and is manufactured under rigid control which assures uniform and precise performance.

It is compatible with concrete mixes containing other commonly used CONCET Chemical Company admixtures. It should be added to the mix independently and not with other admixtures.

PRIMARY APPLICATIONS

- Ready mixed concrete
- Structural concrete
- Mass concrete construction.
- Paving concrete
- Exterior concrete work exposed to freeze/thaw conditions.

FEATURES/BENEFITS

- Provides a stable air void system with proper bubble size and spacing.
- Concrete is made more resistant to de-icing salts and sulfate attack.
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- Less mixing water can be used per yard (me-ter) of concrete and place ability is improved.

PACKAGING

CONCET AE is packaged as per Requirement.

SHELF LIFE

11 months in original, unopened container.

SPECIFICATIONS/COMPLIANCES

CONCET AE meets or exceeds the requirements of the following specifications:

ASTM C 260
AASHTO M 154

DIRECTIONS FOR USE

Concrete admixture is added to the concrete after addition of desired amount of water during mixing of concrete in mixer.

CONCET AE is typically dosed at a rate of 0.75 to 1.5 oz per 100 lbs (50 to 100 mL per 100 kg) of total cementitious material to entrain 3% - 6% air content. The amount of CONCET AE will vary depending on type of cement, fineness of sand, temperature, design of the mix, other admixtures, etc. Concrete mixes must be tested regularly to confirm that proper air content is achieved. CONCET AE should be added directly to the sand to achieve maximum performance.

Higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials being used.

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain CONCET AE above freezing.
- Never agitate with air.
- Add to concrete mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.

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