



AIREX-L

AIR ENTRAINING AGENT FOR CONCRETE

DESCRIPTION

AIREX-L is a liquid solution of hydrocarbons used as an air entraining agent for concrete and complies with ASTM C260. When AIREX-L is added to the concrete mix, it produces a system of microscopic air bubbles that remains very stable in the concrete. The entrainment of air with AIREX-L improves ease of placement, workability and durability of the concrete while minimizing bleeding and segregation.

FEATURES/BENEFITS

AIREX-L can be used in all normal density concretes as well as low slump concretes where resistance to cycles of freezing and thawing is required. AIREX-L is specifically designed to facilitate air entrainment of low slump and no slump concrete.

TECHNICAL INFORMATION

Physical Properties

Specific gravity (25° C)	1.007
% of solids by weight	5.0
pH	11.0

Consult your EUCLID representative for additional information or technical assistance.

PACKAGING

AIREX-L is available in bulk as well as in containers of 1000, 205 or 20 liters.

SHELF LIFE

2 years in original, unopened package.

SPECIFICATIONS/COMPLIANCES

- AIREX-L meets all requirements of ASTM C 260 specifications.
- AIREX-L is approved by the Quebec and Ontario Ministry of Transportation.

DIRECTIONS FOR USE

For normal slump concrete use a minimum of 15 mL/100 kg of cementitious material.

For dry concrete (0 to 50 mm slump), use a minimum of 100 mL/100 kg of cementitious material.

For roller compacted concrete (RCC), use 300 to 500 mL/100 kg of cementitious material.

AIREX-L should be added with the mix water or independently of other admixtures. Concrete mixing should ensure adequate dispersion of admixtures.

The quantity of AIREX-L required to obtain the specified air content may be influenced by the following factors:

- Concrete and ambient temperature
- Cement types
- Mineral additives
- Quality of aggregate
- Sand gradation
- Slump of concrete
- Mixing equipment

PRECAUTIONS/LIMITATIONS

- Keep from freezing
- AIREX-L is not W.H.M.I.S. regulated.
- In all cases, consult Safety Data Sheet before use.

AIREX-L can be used and is compatible with the full range of EUCLID admixtures. When EUCON 37, EUCON 537 or PLASTOL 5000 are added to concrete, the use of AIREXTRA in replacement of AIREX-L is recommended for a more stable air void system and enhanced performance of the concrete.

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