



'Maxim-Air®'

Concentrated powder air entraining agent for cement based products

PRODUCT OVERVIEW:

'Maxim-Air®' is an ultra stable air-entraining admixture for use in Portland cement based concrete products. The product is a dissolvable powder concentrate, which is very potently efficient in introducing microscopic air bubbles into the cement-based mix.

USE WITH:

It is critical to determine by testing the level of desired air content in a production mix. Trial mixes should be used to confirm level required. 'Maxim-Air®' can be used in:

- ✱ Low slump concrete
- ✱ Flowable concrete
- ✱ High temperature concrete
- ✱ Concrete with extended working times
- ✱ Lightweight and pre-stressed concrete
- ✱ Reducing bleeding caused by grading deficiencies in concrete materials
- ✱ Prime coated new iron, steel and a range of other suitably prepared metal surfaces
- ✱ Abraded/roughened previously painted surfaces

BENEFITS:

Because 'Maxim-Air®' provides these stable, uniformly dispersed and microscopic size air bubbles, this allows:

- ✱ Improved plasticity and workability
- ✱ Reduced segregation and bleeding
- ✱ Reduced permeability, increased water tightness
- ✱ Increase durability and stability
- ✱ Increased resistance to freeze/thaw cycles

DOSAGE RATES:

The amount of 'Maxim-Air®' to be used depends

on the amount of air required under actual project conditions. Therefore, trial mixes are important.

As a guide, the dose rate will vary from 0.003% to 0.03% in total cementitious weight.

PACKAGING:

'Maxim-Air®' is supplied in 25kg net bags.

STORAGE:

For maximum shelf life, 'Maxim-Air®' should be stored out of direct sunlight, in dry conditions in tightly closed original packaging.

PRECAUTIONS:

- ✱ Ensure ventilation is adequate
- ✱ Avoid all contact
- ✱ Eye: safety glasses with side shields, chemical goggles, full face shield
- ✱ Hands: impervious plastic or rubber gloves
- ✱ Other: overalls and protective footwear
- ✱ Respirator: use with adequate ventilation. If an inhalation risk exists, wear a respirator meeting the requirements of AS1715 and AS1716.
- ✱ Always wash hands before eating, smoking or using toilet
- ✱ Wash contaminated clothing and other protective equipment before storage and re-use

For further Health and Safety information, please refer to 'Maxim-Air®' Material Safety Data Sheet (MSDS), which is available from Ability Building Chemical Co.



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