

Micrete AC1 Technical Data Sheet

High Performance Concrete Admixture

Product Description

MICRETE AC1 is a high performance compaction aid & high early strength admixture for semi-dry/no-slump concrete mix designs.

Uses

Micrete AC1 is designed for machine made concrete products which are associated with de-moulding such as:

- Kerbs
- Paving
- Building Blocks
- Bricks
- Manholes
- Concrete Pipes
- Hollow core slabs
- Semi-dry mixes

Advantages

- High early compressive & tensile strengths
- Optimize compaction process
- Better de-moulding properties
- Effective dispersion and distribution of cement, additives & pigments
- More economic concrete mix designs
- Reduced energy consumption for steam cured concrete
- Minimized damages due to early handling
- Improved durability and life expectancy

Product Data

Colour	clear
Appearance	liquid

Technical Data

Chemical Base	Aqueous polymer solution
Density	1.01kg/lit
pH Value	4.3 ± 1.0

Dosage

0.2% – 0.6% by weight of cement

Micrete AC1



Application Instruction/Mixing time

Micrete AC1 is added to the gauging water or added with the water into the concrete.

Mixing time: 30-60 seconds.

Shelf Life

12 months from date of production if stored properly in original, unopened packaging at temperatures between +5°C and +35°C

Storage Conditions

Protect from direct sunlight and frost.

Packaging

200lt drums

1000lt flow bins

Storage

Store away from direct sunlight.

Limitations

Micrete AC1 must not be used for wet cast mix designs, use Micrete SP1.

Health & Safety

Refer to MSDS sheet

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