



ULTRA ANTIFREEZE 1%

Cold Weather Concreting Admixture

Ultra-Antifreeze 1% is a safe economical admixture in liquid form for producing high quality concrete at moderately low temperatures.

Admixtures

USES

Ultra-Antifreeze 1% is ready for use in cold conditions such as:

- Slight daytime frost
- Expected overnight frost
- Expected cold periods
- when under normal conditions work would have to stop

Surface Treatments

CHARACTERISTICS / ADVANTAGES

Ultra-Antifreeze 1% provides the following properties:

- Improves workability without increased water
- Reduction in water without loss of workability
- Increased frost resistance
- Improved strengths
- Chloride free-does not attack reinforcement

Protective Coatings

PRODUCT INFORMATION

Composition	Advanced Polycarboxylate Technology
Packaging	35kg, 245kg drums & Bulk
Shelf life	18 months from date of production if stored properly in original unopened packing.
Storage conditions	Not affected by frost down to -12°C.
Appearance and Color	Yellow
Density	1.25 kg/l

Concrete Repairs

TECHNICAL INFORMATION

When concreting in cold conditions, attention should be paid to the following important points:

- Keep form work and reinforcement free from water, snow or ice. Where required pre-heat to 0°C min., all form work must be designed to act as thermal insulation.
- Maintain minimum temperature of concrete at 5°C.
- Protect against loss of moisture and heat by maintaining cover and insulation.
- If Ultra Antifreeze 1% freezes in the drum, thaw gradually in a heated environment (Avoid direct flame contact). Once thawed all properties re-main unaffected.

Industrial Flooring

Grouts & Anchors,

APPLICATION INFORMATION

Recommended dosage	1% by weight of cement.
Dispensing	Ultra-Antifreeze 1% is added to the mixing water prior to its addition to the aggregates.

Adhesives,

Water Proofing

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Sealants



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