

Air-entraining Admixture for Concrete

## DESCRIPTION



TamCem AE200 is an air-entraining admixture for concrete applications meeting the requirements of EN 934-2. TamCem AE200 creates small, uniformed and stable air bubbles within the wet concrete matrix that remain present after hardening. By entraining this uniformly spaced air, hardened concrete with greater durability and freeze/thaw protection is created. Furthermore, TamCem 200AE offers improved mix workability and surface finishing.

## KEY BENEFITS

- > Enhanced durability, freeze-thaw protection.
- > Excellent cohesion, zero segregation with minimal bleeding.
- > Improved water tightness and reduced permeability
- > Improved workability
- > Superior surface finish
- > Excellent cohesion, zero segregation with minimal bleeding.

## TYPICAL APPLICATIONS

- > Freeze-thaw resistance
- > Degraded aggregate concrete mixes
- > Lightweight concrete
- > Low permeability concrete
- > Pumped Concrete

## PACKAGING

TamCem AE00 is supplied in IBCs, drums and bulk. Packaging size may vary subject to local regulations and requirements, please contact your local Normet representative for more details.

## TECHNICAL DATA

TamCem AE200	
Form	Clear Liquid
Colour	Pale Yellow / Colourless
Density	1.00 ± 0.01 g/cm <sup>3</sup>
Chloride Content	< 0.1 %
pH value	7.0 ± 1.0
All at 20°C	

All technical data stated herein is based on tests carried out under laboratory conditions.

## APPLICATION GUIDELINES

TamCem AE200 is recommended to be dosed in the region of 0.1 - 0.5 % by weight of mix cement content. Dependant on requirement, and materials used TamCem AE 200 may require a dosage outside of this range. It is recommended that trials are conducted in order to achieve the optimum dose requirement with all other proposed mix materials.

TamCem AE200 should not be used in combination with any other company's admixtures. Please consult your local Normet representative for advice and support on compatibility with other Normet branded admixtures and dosing requirements.

## STORAGE

TamCem AE200 should be stored at room temperature (above 0°C) and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of 12 months can be expected.

## HEALTH & SAFETY

TamCem AE200 should only be used as directed. We always recommend that the Safety data sheet (SDS) is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Safety data sheet is available upon request from your local Normet representative.