

▶ Description



TamCem 8BFG is a special plasticiser for concrete. It is a non-chloride liquid admixture specially formulated to give high water reduction, greater workability and extended open time to concrete and cementitious grout. It is compatible with all cements meeting recognised international standards. It complies with the requirements of ASTM C 494 for Type B retarding admixtures.

TamCem 8BFG extends the hydration process by retarding both initial and final set times and enhances strength through cement particle dispersion.

▶ Key Benefits

- Good cohesion, no segregation and minimal bleed water with extremely high levels of workability.
- Controllable, long open time, enhanced placement and delivery control.
- High elastic modulus, low shrinkage and creep are achievable with graded coarse and fine aggregates.
- Superior surface finishes.

▶ Typical Applications

- High performance concrete
- Mixing logistics efficiency during large pour
- Hot weather concrete and grouting
- Peak temperature controlled concrete
- Highly durable concrete
- High strength concrete
- Ideal for long distance transportation of ready mixed concrete

▶ Technical Data

TamCem 8BFG	
Form	Liquid
Colour	Brown
Density	1.19
Chloride ion content	< 0.01%
All at 25°C	

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

▶ Application Guidelines

Dosage can be adjusted to meet the mix design requirements or to specific job site conditions. Trial concrete or grout mixes must be carried out to determine the appropriate dosage.

An independent dispenser and feed line must be used during the application. TamCem 8BFG can be added to the mixed concrete or into the mixing water but addition to any dry concrete mix is not recommended.

Typical dosage is 300ml to 1200ml/100kg of cementitious binder. Should application conditions require a higher dosage rate, consult your local TAM International representative.

Note: TamCem 8BFG should not be used with any other company's admixtures. Technical advice should be obtained from your local TAM International representative regarding compatibility with other Tam Admixtures prior to use.

▶ Storage

TamCem 8BFG should be kept dry and out of direct sunlight, stored at room temperature above 0°C. If these conditions are maintained and the product packaging remains sealed, then a shelf life of 1 year can be expected.

TamCem 8BFG will freeze at approximately -4°C but will return to full functionality after thawing and thorough mild mechanical agitation.

TamCem 8BFG

Set Retarding, Plasticising Admixture



▶ Health & Safety

TamCem 8BFG should only be used as directed. We always recommend that the Health & Safety data sheet is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Health & Safety data sheet is available upon request from your local TAM International representative.

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