



BluCem AddFlow

FAST SET CEMENT SUPERPLASTICISER



BluCem AddFlow is a high range water reducing superplasticiser specifically formulated to be used in BluCem FSC concrete mixes.

BluCem AddFlow has been designed as a liquid superplasticiser that can be used with BluCem FSC – Fast Set Concrete mix designs.

Application Advantages

- Suitable for a range of mix designs and water ratios
- Workability control
- High early strength

Lifecycle Advantages

- Higher density concrete
- Increased concrete strength for durability
- Reduced shrinkage and surface cracking

About the Product

BluCem AddFlow is an innovative second generation polycarboxylic ether polymer superplasticiser which provides improved slump retention. BluCem AddFlow complies with ASI478.1-2000 Type HWR High Range Water-reducing. BluCem AddFlow accelerates the cement hydration and improves overall product performance including density, strength, shrinkage and overall durability. The molecular configuration of BluCem AddFlow, combined with an efficient dispersion effect, helps maintain workability whilst exposing increased surface of the BluCem FSC binder particles to react with water. As a result, this helps improve BluCem FSC workability and early strength developments.

Application Solutions

- Airport runways
- Concrete road pavements and bridges
- Sewer structures
- Industrial process plants and mining infrastructure

Project Examples

Airport pavement replacement, freeway pavement replacement, sewer pump station remediation, process plant structures, emergency repairs to damaged pavement.





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Product Data

Please refer to Important Notice on following page

Packaging	20 litre pails
Dosage	0.2 - 1.0 litres per 100kg of BluCem FSC*
Appearance	Brown liquid
SG	1.069 ± 0.02
pH	7.00 ± 1.0
NVM	30.0% ± 2.0% w/w
Alkali (Na ₂ O equivalent)	0.5% ± 0.1% w/w
Chloride ion (Cl ⁻)	0.005% ± 0.001% w/w
Sulphate (SO ₄)	0.05% ± 0.02% w/w

* Refer to BluCem FSC mix designs for approved dosage rates. Other dosage rates may be used please consult a Bluey Technical Representative.

Avoid adding BluCem AddFlow to dry materials. The most consistent results will be achieved by adding to concrete mixing water.

Other concrete additives must not be used with BluCem FSC without approval by Bluey and testing with the trial mix.



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Contact Bluey

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