

**AccelR8 is a hardening accelerating admixture for concrete to EN 934-2:T7. It is specifically designed for non structural precast and ready-mix concrete. AccelR8 increases early age strength and ensures turn around times allowing for the use of 50% GGBS and higher in your concrete mix design.**

The first admixture of its kind, AccelR8 activates the GGBS and cement components of the concrete, making the unique benefits of high GGBS contents available to you.

AccelR8 contains less than 10% chloride (non calcium chloride) and 10% alkali. Consideration should be given to Table NA.4 and Clause NA. 5.3 of I.S. EN 206:2013. AccelR8 meets the corrosion test requirement of  $\leq 10\mu\text{A}/\text{cm}^2$  in EN 934-1 when tested to EN 480-14.

Increased early age strength makes AccelR8 the ideal admixture for applications such as blocks, paving, fencing and other non prestressed light precast.



### STRENGTH

- At a 1% dosage rate ACCEL R8 can increase the strength of GGBS concrete by 50-90%.
- GGBS achieves greater long term strength than cement.
- Compatible with all admixtures, care to be taken with lignosulfonate products regarding retardation.

## TECHNICAL BENEFITS

ACCEL R8 offers a number of distinctive benefits to the Concrete customer including:

- **INCREASE GGBS CONTENT**
- **REDUCED CEMENT CONTENT**
- **ENSURES TURN AROUND TIMES**
- **MINIMISES EFFLORESCENCE**
- **INCREASED DURABILITY**
- **WHITER AND BRIGHTER CONCRETE**
- **REDUCTION IN CARBON FOOTPRINT**
- **FULL TECHNICAL SERVICE OFFERING**
- **ENHANCED PRODUCT QUALITY**

### PHYSICAL CHARACTERISTICS

<b>APPEARANCE/COLOUR</b>	Dark Brown
<b>LIQUID SHELF LIFE</b>	6 months
<b>PH</b>	7-8
<b>CHLORIDE CONTENT</b>	< 10%
<b>ALKALI CONTENT</b>	< 10%
<b>FREEZING POINT</b>	0°C
<b>SPECIFIC GRAVITY</b>	1.14
<b>DENSITY</b>	1.75mg/l

## HANDLING & STORAGE

- Available in IBC/25l drums
- Must be stored in original packaging
- 6 month shelf life
- Store in an environment of 5-30°C
- Dispense using pump or manually
- Non-hazardous material refer to MSDS



## ECOCEM TECHNICAL TEAM

### JOHN REDDY

Technical Development Manager

John leads the innovation team in Ireland and the UK, providing concrete customers with product information, mix designs and on-site assistance. For more information or to organize an admixture trial contact John on +353 (1) 678 1800.

### AIDAN FOGARTY

Quality & Technical Services Engineer

Aidan provides technical support to customers in Ireland and the UK. He is also responsible for product quality and standard compliance. To book an admixture trial with Aidan contact him on +353 85 877 0741.

## ACCELR8 Plus DOSAGE

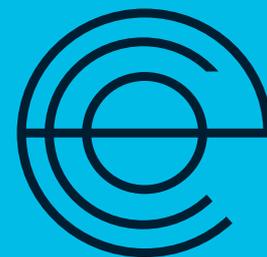
- Between 0.5% - 1.5% by weight of total binder content (cement+ GGBS). Trial mixes should be carried out to determine the optimum dosage rate.
- Dose during wet mixing ideally with mixing water and never on dry powder.
- Contact the Ecocem Technical Team for advice and to arrange a trial.

## CERTIFICATION

Ecocem Liquid Admixture is certified to the EN 934-2 European Admixture Standard and carries the CE Mark. A declaration of performance is available on request.

### Email:

technical@ecocem.ie



**Innovation  
Powering  
Sustainability**

Version No: 181

Ecocem Ireland Ltd., Block F1, East Point Office Park, Dublin 3

T IRL +353 (0)1 678 1800 | UK +44 (0) 845 434 8191 E technical@ecocem.ie W www.ecocem.ie

