





Technical Information

Self Compacting Concrete

DESCRIPTION

Self-Compacting Concrete is a range of free flowing easily placed materials that have multiple benefits in in both their fresh and hardened states. These concretes are produced by our state-of-the-art batching plant and delivered using drum mixers.

USES

Accumix have extensive experience in delivering concrete solutions across a range of sectors that include road, rail, air, infrastructure, commercial and domestic. These concretes are particularly suitable for slabs where flat smooth surface finishes are required or for long distance pumping where access is restricted. The concretes are suitable for use in structural, void fill, and flooring applications. They can be placed directly, via skip or bucket and pumped.

KEY PROPERTIES BENEFITS

Free flowing Easy and fast to place

Long distance pump applications up to 300m

Fewer pour points Reduced labour

Self-compacting Reduced site operations;

No need for powered vibrators to consolidate the concrete

No need float finish

No need to power float, reduced install times

Low technology application tools

Hard smooth finished surface Suitable to receive floor finishes

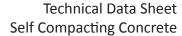
Lafarge Cement 12% reduction in CO2

Increased life

Improved surface finish

BBA/NHBC Approved Structural Fibres Reduced site operations;

Replace the need or steel/mesh reinforcement





September 2021

TYPICAL PERFORMANCE

Slump-flow Class SF3 750 to 820mm

Strength performance (Nmm-2)	1 Day	2 Days	3 Days	7 Days	28 Days
SCC 35	10.0	20.0	30.0	40.0	50.0
SCC 30	5.0	10.0	20.0	30.0	40.0

COMPOSITION

Self-Compacting Concretes consist of specially blended binders, PC 42.5N CEM II/A-LL (BSEN 197) and carefully selected concrete aggregates (BSEN 1260).

AVAILABILITY

Self-Compacting Concretes are delivered in bulk ready to use from load sizes above 0.25m3. Accumix have a central depot in the West Midlands supplying Self-Compacting Concrete.

QUALITY

Accumix operate a BSI accredited ISO 9001 quality scheme.

HEALTH & SAFETY

Health & safety advice, which must be followed, can be found on the binder Material Safety Data Sheet. Users are advised to wear goggles, gloves, overalls and protective foot ware when handling cementitious products. Portland cement contains Chromium IV which may produce an allergic reaction. Clothing contaminated by wet cement should be removed immediately and washed before re-use. R38 Irritating to skin. R41 Risk to serious damage to eyes. S26 In case of contact with eyes rinse immediately with water and seek medical advice. S37/39 Wear suitable gloves and eye/face protection. S2 Keep out of reach of children.

Accumix Concrete Ltd Oakdale Trading Estate Ham Lane Kingswinford DY6 7JH

Telephone 01384 296986

Email concretesales@accumix.co.uk

Visit our website www.accumix.co.uk