



HIGH PERFORMANCE ADDED

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- ✓ **IMPROVE PERFORMANCE**
- ✓ **SAVE TIME**
- ✓ **REDUCE MATERIAL COSTS**
- ✓ **INCREASE QUALITY**

CEMEX ADMIXTURES SUPPLIES **200,000 TONNES** OF ADMIXTURES EACH YEAR FOR CEMENT MANUFACTURER, CONCRETE PRODUCTION AND MORTARS TO OVER **15 COUNTRIES.**

CEMEX's admixture range of construction chemistry covers a multitude of product areas providing quality, efficient and reliable solutions for the following: grinding agents, plasticisers, superplasticisers, accelerators, retarders, air entraining, water-repellent, water retaining agents and stabilisers.

CEMEX admixtures in the UK was established in 2001. The production facilities are based in Rugby, close to the convenient motorway network, giving our fleet quick and effective transport links to cover nationwide delivery requirements.

The UK facility has the capability to produce in excess of 10 million litres of admixture per annum.

Our Research and Development (R&D) facilities are based in Southam, and we also have access to the expertise of the CEMEX Group R&D laboratories in Biel, Switzerland. In both locations thorough testing of admixtures, specialist concretes, mortars, screeds and cements are undertaken. Over the years, CEMEX admixtures have developed materials for all our associated businesses.

These include:

CONCRETE

- Readymix concrete: normal, self compacting and waterproof
- Mortar
- Screed retarders SBR

CONCRETE PRODUCTS

- Artificial stone
- Block making
- Paving
- Flooring
- Railway sleepers

TRANSPORT

- Truck wash
- Truck clear

CEMENT

- Grinding aids

The experience gained in these areas has proved invaluable in the development of admixture solutions for the construction industry.

Health & Safety

We ensure that nothing comes before the health and safety of our colleagues, contractors and the community. All product safety data sheets are available on request.

CEMEX ADMIXTURES PRODUCT RANGE – **DISCOVER YOUR POSSIBILITIES**

PLASTICISERS/SUPERPLASTICISERS

ISOPLAST® READYMIX

Designed as a water reducer and plasticiser, it is equally effective when using different cementitious blends.

ISOFLEX® READYMIX

Concrete plasticiser based on ether sulfonates and polycarboxylates.

The perfect interaction of modern and/or conventional technologies giving plasticising and homogenising effect while giving it a stable consistency.

ISOFLOW® READYMIX

Polycarboxylate ether based superplasticisers. The ISOFLOW® series has a very strong plasticising and homogenising effect with some offering, if necessary, a longer workability time.

ISOCAST® PRECAST

Superplasticisers incorporating polycarboxylate technology designed for the Precast Industry.

The ISOCAST® range are high performance liquid admixtures that are water reducers and superplasticisers used in producing high workability concretes.



MAINTAIN
CONSISTENCY



WATER
REDUCTION



SLUMP
PERFORMANCE



SMOOTHING
PROPERTY



RETARDER

ISORETARD® READYMIX

The ISORETARD® range of products control the hydration of the cement and control the set of readymix concrete.



SETTING TIME

COMPACTION AID

ISOMAP® PRECAST

Compaction aid used in a semi-dry process such as block, tile and paving production



IMPROVE
PRODUCTIVITY

STABILISER

ISOSTAB® READYMIX/PRECAST

ISOSTAB® stabilisers designed to promote a thixotropic concrete and mortar to resist bleeding and segregation. It can be used in the placing of concrete in slow moving or stationary water to reduce the amount of wash out.



BLENDING
STABILITY

MORTAR ADDITIVE

MR/MA® READYMIX

MR 800 is a retarder used in mortar and sand cement screeds designed for use with MA 900 to produce set controlled ready-to-use mortar and screeds.

MA 900 is a liquid admixture formulated to produce mortar with air contents complying with the limits stated in the European Standard.



AIR ENTRAINER AGENT

ISOSPHERE® READYMIX

The ISOSPHERE® product group uses synthetic surfactants air entrainers to impart a stable air system. Improves freeze thaw durability, reduces risk of segregation and bleed. Aids production of a dense closed texture surface, improving durability.



FREEZE-THAW
RESISTANCE

WATER REPELLENT

ISOFUGE® READYMIX

ISOFUGE® stearate-based water repellents reduce concrete porosity.



DURABILITY

ACCELERATOR

ISOXEL® READYMIX/PRECAST

Accelerators designed to increase setting and hardening rates to quickly attain the required physical performance. Can be used in conjunction with the ISOCAST® range to facilitate better mould utilisation in the Precast Industry.



SETTING TIME



EARLY STRENGTH
DEVELOPMENT

FOAMING AGENT

ISOFOAM® READYMIX

The ISOFOAM® foaming agents are designed to produce foamed concretes that are used to meet lower density requirements, such as roads and void fill.



LIGHT
CONCRETE



BLENDING
STABILITY



SETTING TIME



ADDITIONAL PRODUCTS

FACING ENHANCERS

ISOGLASS® READYMIX/PRECAST

ISOGLASS® facing enhancers are surfactants designed to improve surface finish.



SURFACING
QUALITY

TRUCK CLEAR

ISOSTOP READYMIX

ISOSTOP® is a backup solution that stops the setting of concrete for 24 to 48 hours.



SETTING TIME

DUST REDUCER

ISODUST®

Product that helps to reduce dust emissions, especially in quarries or plants.

PUMPING AID

ISOPUMP® READYMIX

The ISOPUMP® synthetic pumping aid lubricates and reduces frictional forces in pipework. Offering a cleaner and safer alternative to cement-based pumping aids.



PUMPABILITY

TRUCK WASH

ISOTRUCK READYMIX

The ISOTRUCK® range based on organic or inorganic acid that reduces light concrete soiling of production or transport equipment.



MIXER TRUCK
PROTECTOR

PROTECTIVE OIL

ISOCARE® READYMIX

Release and protection agent based on biodegradable mineral oil for concrete mixers, skips and other production or transport tools. The product can be offered with a colour metric tracer.



MIXER TRUCK
PROTECTOR

WASH PITS

ISOFINES® READYMIX

ISOFINES 9130® is used to recycle concrete into reusable material.

ISOFINES 5130® is a superabsorber composed of sodium polyacrylate.

This makes any type of mud/slurry easier to shove and transport.



RECYCLING

CURING AGENT

ISOCURE® READYMIX/PRECAST

The ISOCURE® water based curing agents that reduce water evaporation from the surface of the concrete thus aiding hydration.



DURABILITY



SURFACING
QUALITY

GRINDING AID

ISOMILL® CEMENT

ISOMILL® is a grinding aid that has been developed to reduce energy needs and improve the productivity in cement production.



FLOWABILITY



IMPROVE
PRODUCTIVITY







HIGHER
EFFICIENCY





HIGH PERFORMANCE ADDED

CEMEX
ADMIXTURES

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All Admixtures are produced in accordance with BS EN 934 and are CE marked under the BSI Certificate of Factory Production Control. In addition, the UK admixture production facility operates to BS EN ISO 9001: 2000.

For more information visit:
cemex.co.uk/admixtures or email:
gb-admixtures.sales@cemex.com

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