

MATERIALS TO BUILD OUR FUTURE

Keohane

READYMIX

Not All Concrete Mixes Are Equal

All concrete is made from a mix of cement, water, sand, gravel and admixtures. Getting the right combination of those materials for the job is essential for getting the best results.

At Keohane Readymix we design, manufacture and supply a variety of concrete strengths and grades from our own aggregates and sand, to ensure the ideal solution for any application.

Designed to Specification

Mixes designed in our own in-house laboratories incorporate GGBS (Ground Granulated Blast Furnace Slag), fibres, pigment and air entrainment to improve performance and enhance other characteristics as specified.

Specialised Design Requirements

We manufacture to all specialised design requirements, ensuring we meet performance specifications to produce high quality, durable concrete. We supply a range of mix designs from C8/10 to C80/95 with a

range of different aggregate sizes. Specialised pump mix concrete also available for when a pump truck is required.

KEY FEATURES & BENEFITS

- Available in a wide range of strengths
- Available in different aggregate sizes
- Pump Mix available in a variety of recipes
- IS EN 206 accredited
- Using Keohane Readymix in-house high-quality aggregate and sand
- Experience in large pours with 7 fully automated concrete batching plants, a large fleet of trucks and conveyors
- A dedicated team fully committed to providing excellent service
- Guidance on mix design available

TECHNICAL SPECIFICATION

- S EN 206 – Concrete Part 1: Specification, Performance, Production and Conformity
- Project Specific Specifications

Get In Touch:

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Construction Materials for Agri Builds

<p>READYMIX</p> <p>A variety of concrete mixes using different recipes of cement, our own aggregates and sand, water and admixtures.</p>	<p>AGRIMIX</p> <p>A special agri mix concrete required to withstand the harsh environment typically found on farms.</p>	<p>DOMESTIC MIX</p> <p>A specialist blend of ingredients to create a hardwearing, highly durable and quality assured product, ideal for home building.</p>
<p>POLISHED</p> <p>Suitable for both domestic and industrial applications, perfect for underfloor heating and using the latest technology will achieve a high-gloss finish that never needs waxing or coating.</p>	<p>COLOURED</p> <p>All the durability and quality of regular concrete with the added benefit of a fully penetrated colour.</p> <p>Perfect for patios, footpaths, driveways, industrial flooring and many other applications.</p>	<p>UNDERWATER/WATERPROOF</p> <p>Specially formulated for all under water applications, including Marine construction</p> <p>For use in reservoirs, underground applications, water tanks, salt barns, basements and dams.</p>
<p>ECO MIX</p> <p>A natural choice for a sustainable construction, with a lower level of embodied CO2 replacing up to 70% of Portland cement in a concrete mix with Ground Granulated Blast Furnace Slag (GGBS).</p>	<p>EARLY STRENGTH</p> <p>May be used to speed up construction by allowing a quick release of formwork.</p> <p>Suitable for use in building and civil engineering, in addition to farm projects.</p>	<p>SELF-COMPACTING</p> <p>A fluid flowing concrete that requires no mechanical vibration for use in slabs and floors and complex formwork.</p>
<p>STRUCTURAL</p> <p>Specified by engineers and architects for use in aesthetically important structures, offices, showrooms, commercial buildings, schools, bridges and domestic buildings.</p>	<p>REINFORCED</p> <p>Structural (using plastic and steel fibres) and non-structural (using polypropylene fibres) reinforced concrete mixes are available.</p>	<p>PILING MIX</p> <p>A specially developed range of concrete mixes ideal for piling.</p>



Cemfloor Liquid Screed

Cemfloor, a specially formulated liquid screed, is added to our high-quality self-levelling, self-compacting floor screed for a quick, clean and cost effective solution. Ideal for flooring and especially underfloor heating. Fast drying. High quality finish.

Compliance

Compression Strength Classes		Slump Tolerance		
Concrete Strength	Strength Classes – Cylinder/Cube	Class	Slump Range	Max Allowable Deviation on Range Limit (mm)
10N	C8/10	S1	10 – 40	0 – 60
15N	C12/15	S2	50 – 90	30 – 110
20N	C16/20	S3	100 – 150	80 – 170
25N	C20/25	S4	160 – 210	140 – 230
30N	C25/30			
35N	C28/35			
37N	C30/37			
40N	C32/40			
45N	C35/45			
50N	C40/50			
55N	C45/55			
60N	C50/60			