



Concrete Solutions Datasheet

READYMIX FLOORING

With CEMEX Ready mix you can be assured of getting the best quality concrete solutions for your floors. Readymix Flooring is a market leading concrete specially designed for stability and durability in domestic flooring, oversites, bases, and garage floors.

Readymix Flooring is available for two specific flooring standards – **Readymix Flooring (U)** for unreinforced floors and **Readymix Flooring (R)** for reinforced steel flooring applications.



Readymix Flooring (U) Applications

- House oversites/floors
- Conservatory floors
- Shed/greenhouse floors or bases
- Steps

Readymix Flooring (R) Applications

- Garage floors
- Workshop floors
- Light/Moderate industrial floors

Features and Benefits

- Easily placed and reliable
- Used as a durable direct floor finish, or as a substrate for a screed
- Offers excellent surface finish characteristics
- Screeds can generally be laid 24 hours after placement of the concrete
- Meets or exceeds the relevant British and European Standards
- Meets NHBC and Local Authority requirements

Adding Fibres – Additional Features and Benefits

By adding polypropylene fibres to Readymix Flooring (U) or (R) you will enhance the concrete mix and obtain the following additional features and benefits:

- Reduced plastic cracking
- No need for crack control wire mesh
- Impact and abrasion resistant
- Enhanced surface finish
- Enhanced durability

Delivery

The standard CEMEX Readymix truck mixer is ideal for straightforward deliveries to site, although unloading may take up to 40 minutes. Where access or ground conditions may be a problem, contact your local sales office in advance.

CEMEX Readymix also offers a range of flexible options for concrete delivery. These include specialist Minimix and small loads services, these are a cost effective means of placing small volumes of concrete, ideal for home building, extension and renovation work, or where site access is difficult.

A sales directory service and estimating guide are available on our website www.cemex.co.uk

Health and safety

Contact with concrete may cause irritation, dermatitis or severe alkali burns. There is serious risk of damage to the eyes. Wear suitable waterproof protective clothing, gloves and eye/face protection. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. After contact with skin, wash immediately with plenty of clean water. Keep out of reach of children. Contains Chromium (VI), may cause allergic reaction.

For a detailed datasheet please visit the health & safety section of our website www.cemex.co.uk

Sustainability Commitment

As a company CEMEX UK embraces the challenges of sustainable development, in striving to be socially, economically and environmentally responsible in everything we do to safeguard the needs of future generations, CEMEX Readymix use efficient automated batching systems reducing waste water discharge, other similar systems are in place for stone washing and aggregate reclaim and finally during production operations water is extracted and recycled at many of the plants. the following are just a few other examples:

Reducing CO₂ emissions and need for landfill through investment in new handling equipment for trials of Climafuel, a sustainable fuel which can replace fossil fuels by up to 30%.

Reducing road congestion through initiatives like 'Road Load', ensuring over 95% of lorries are at payload before travel, and '24/7 Load', allowing non-urgent material to be delivered out-of-hours.

Reusing material which would otherwise go to landfill through development of blended cements incorporating by-products from other industries.

Regenerating and restoring land across the UK to provide lasting benefit to local communities and diverse habitats for wildlife.

CEMEX UK Materials Ltd

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FAQ's

Q. Do I need to take any precautions to protect the concrete when laid?

A. Yes, the concrete must be properly cured by covering with plastic sheeting or kept damp for seven days, otherwise the durability will be impaired. Additionally, protect from rain and frost after placing as this will damage the finished surface.

Q. How soon after placing can I lay a screed?

A. Practically, as soon as the concrete is hard enough to be worked on. This is normally the following day.

Q. How do I finish the surface?

A. This depends on the application:
– Direct finish house/garage floors – steel or wood float.
– Workshops/greenhouses – wood float.
– Substrate to screed – tamp finish.

Q. How long will this concrete last?

A. This product has been designed to exceed British Standard specification and NHBC requirements. Provided that the concrete is properly placed, is given the appropriate finish and is correctly cured, it will give many years of maintenance free service.

Q. How deep should I lay Readymix Flooring?

A. As a guide, the typical slab thickness on a well compacted sub-base should be:
– Domestic use – minimum 100mm
– Light commercial – minimum 125mm
– Moderate commercial/vehicles – minimum 150mm

Q. How soon after placing can the floor be used?

A. Normally the floor can be carefully used after seven days subject to normal air temperatures and providing that it has been correctly cured.

Q. Are there any additional advantages?

A. Yes, incorporating fibre into the mix controls early age shrinkage cracking. It also improves the surface strength and should extend the floor's service life.