

HIGH PERFORMANCE CONCRETE



Lafarge High Performance Concrete is a factory produced 40N High Performance Concrete consisting of dried sands, cement and other additives, ideal for applications that require a higher strength.

GENERAL INFORMATION

A quick, easy and ready to use out of the bag pre-blended High Performance Concrete suitable for a wide range of applications.

FEATURES

- 40N strength after 28 days
- Easy to mix and use
- No mixing required, just add water
- Factory produced - consistent and premium quality
- Plastic bags that are showerproof and recyclable

APPLICATIONS

- Structural concrete
- Steps
- Paths
- Concrete bases (greenhouses and sheds)
- Internal or external application
- Repair and maintenance projects

<p>IDEAL FOR:</p> <p>REPAIR AND MAINTENANCE</p>	<p>INTERNAL/EXTERNAL</p>	<p>HIGHER STRENGTH</p>
<p>SHED BASES</p>	<p>STRUCTURAL CONCRETE</p>	<p>WEATHERPROOF PACKAGING</p>
<p>PATHS</p>	<p>STEPS</p>	

AVAILABILITY

Available in 20kg plastic bags.

STORAGE CONDITIONS AND SOLUBLE CHROMIUM (VI)

- This product must be stored in unopened bags clear of the ground in cool, dry conditions and protected from wind, rain and external physical damage.
- If stored correctly, as detailed above and used within the declared shelf life on this bag, the activity of the reducing agent(1) should be maintained and this product should contain, when mixed with water, no more than 0.0002% (2ppm) soluble chromium (VI) of the total dry weight of the cement(1). Added to control the level of soluble chromium (VI).
- If this product is used after the end of the declared shelf life the chromium (VI) content may be more than 2ppm. Use of cementitious products containing more than 2ppm chromium (VI) is prohibited, unless in closed, totally automated processes (Control of Substances Hazardous to Health (Amendment) Regulations 2004).

MIXING GUIDANCE (BY VOLUME)

One 20kg bag will yield approximately 0.01m³ of concrete - sufficient to cover approximately 0.2m² @ 50mm depth.

Mixing Instructions

- Lafarge High Performance Concrete can be mixed by hand, or a traditional concrete mixer.
- Add approximately 2 to 2.8 litres of clean water per 20kg bag. Too much water reduces strength, durability and bond and can cause cracking. Over mixing should be avoided.
- Do not add any additional materials. All components required are within the mix.
- Do not re-temper or add further water after initial set.
- Make sure the concrete is fully compacted before finishing.

CONDITIONS OF USE

Lafarge High Performance Concrete is fast setting with high early strength and is suitable for the following applications:

- Structural concrete
- Steps
- Paths
- Concrete bases, including greenhouses and sheds
- General repair or maintenance projects
- Internal or external application

Lafarge High Performance Concrete is fast setting with high early strength and as a result should be used within 30 minutes of adding water.

Newly finished concrete should be protected from drying out by covering with polythene sheeting or wet hessian sacking. Recommended temperature range for use is 5°C to 30°C. Standard site practice to the relevant British and European Standards should always apply. Lafarge cannot be held responsible where workmanship has not been carried out in accordance with good practice.

TECHNICAL SUPPORT

Should you require information for this or any other product within the Lafarge range, please contact our Customer Support team on 01285 646900 or visit our website at: www.lafargecement.co.uk

HEALTH AND SAFETY

Contact between cement powder and body fluids (e.g. eye fluids) may cause irritation, dermatitis or burns. Cement is classified as an irritant under the Chemicals (Hazard information and Packaging) Regulations. Please refer to the product safety data sheet for full information. For further Health & Safety information – see our Material Safety Datasheet.

