

Uniclass L621
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August 2018

TECHNICAL INFORMATION

MULTI-PURPOSE CONCRETE

Ready-to-use Multi-Purpose Concrete Product Data Sheet



Blue Circle Multi-Purpose Concrete is a premixed concrete manufactured from cement and specially selected and graded sand, and 10mm coarse aggregate.

GENERAL INFORMATION

Blue Circle Multi-Purpose Concrete is suitable for most small concrete jobs including paths, steps, floors, bedding in drains and manhole covers, shed and greenhouse bases, and foundations for paving slabs. It is premixed and only requires the addition of clean water.

This product is manufactured to a third-party accredited BS EN 9001 Quality Management System.

PACKAGING AND COVERAGE

Blue Circle Multi-Purpose Concrete is available in weatherproof and tear-resistant plastic packaging. One 20 kg bag will typically produce around 0.01 m³ of fresh concrete (0.33m x 0.33m x 0.1m).

MIXING

Mix with water until the required workability and consistency is obtained. This can normally be achieved by the addition of 2 litres of clean water per 20 kg bag of concrete. Mixing



by machine is preferable with a mixing time of 3-5 minutes. If mixing by hand, mix on a clean board and take care to avoid loss of water and cement during mixing.

WORKING TEMPERATURE

Do not use at temperatures below 5°C or above 30°C without taking precautions to ensure that new work is protected from freezing or drying-out.

USE

Blue Circle Multi-Purpose Concrete should be used within 30 minutes of adding water. Concrete should be fully compacted before finishing.

Newly finished concrete should be protected from drying out by covering with polythene sheeting or wet hessian (sacking) for a minimum of 7 days.

Clean all tools and equipment immediately after use and before the material has set.

The final strength and finish of this product will depend on the user having the required skills and familiarity with the product and its application methods.

STORAGE AND SHELF LIFE

Blue Circle Multi-Purpose Concrete is a cement based material and should be handled and stored with care. Unopened bags can be stored in either outdoor or indoor conditions. Open bags should be stored in dry cool conditions protected from wind. Information on the maximum storage period (shelf life) of the product is shown on the bag.

Normal manual handling procedures (Manual Handling Operations Regulations 1992) should be followed when unloading or moving bags.

AVAILABILITY

Blue Circle Multi-Purpose Concrete is available throughout the United Kingdom in large 20 kg plastic bags and 10 kg tubs.

TECHNICAL SUPPORT

Further information and advice on this product and the full range of Tarmac Cement products can be obtained through the contacts listed below.

RESPONSIBLE SOURCING

This product has been externally assessed and awarded a 'Very Good' classification to the prestigious BES 6001, Responsible Sourcing Standard.



HEALTH AND SAFETY

Blue Circle Multi-Purpose Concrete contains cement; contact between cement and body fluids may cause irritation, dermatitis or burns.

For further information, including control of soluble hexavalent chromium, refer to the appropriate Tarmac Cement Health and Safety Information Sheet.

For further information

Technical helpdesk

Tel: 0845 812 6232

E-mail info-cement@tarmac.com

Customer services & sales

Tel: 0845 812 6300

E-mail customerservice@tarmac.com

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