

Universal Concrete

Product Information

Description

Universal Concrete is the ideal solution for all general building and DIY projects. Pre-blended formulation to produce an excellent quality multi purpose concrete.

Uses:

- General purpose
- Light foundation work and footings
- Wall foundations
- Shed bases and steps

Special Properties

- Easy to mix
- Economic and convenient
- Multi-purpose formulation

Preparation

All areas to be worked should be free from oil, grease and any loose material. Minimum application thickness is 40mm. Do not feather edge. Prior to application, ensure that the substrate is prepared by pre-wetting if appropriate to prevent loss of moisture from the wet concrete as it is applied.

Mixing Instructions

1) Empty the required amount of Universal Concrete onto a clean, flat surface.

2) Add small amounts of clean water (2 to 2.5 litres per large bag) while mixing thoroughly until the required consistency is achieved. Avoid adding too much water as this will weaken the concrete mix and affect the setting time.

Protect newly placed concrete from the weather/drying winds up to 7 days until fully hardened, using polythene sheet, wet hessian or curing membrane.

Recommended application ambient temperature is 5 to 25°C. Do not use when air temperature is below 5°C or when ground is frozen.

Clean all equipment and tools with water prior to the material setting.

Yield

When mixed with water this product will cover per 25kg approximately:

- 0.15m² at a depth of 75mm thick
- 0.11m² at a depth of 100mm thick

Typical Performance

Compressive strength: 17N /mm² at 28 days

Initial setting time: 4 hours

Final setting time: 20 hours

Available in Large and Midi packs.

Health & Safety

- Risk of serious damage to eyes
- Contact with wet cement, wet concrete or wet mortar may cause irritation dermatitis or burns
- Contact between cement powder and bodily fluids (e.g. sweat and eye fluid) may also cause skin and respiratory irritation, dermatitis or burns
- Contains chromium (VI)
- May produce an allergic reaction

Safety

- Avoid eye and skin contact by wearing suitable eye protection, waterproof clothing, waterproof footwear and waterproof gloves
- Clothing contaminated by wet cement should be removed immediately and washed before use
- Avoid breathing dust
- Keep out of the reach of children
- On contact with eyes or skin, rinse immediately with plenty of clean water
- Seek medical advice after eye contact

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 excessive draught.

If stored correctly, and used within nine months of production, the activity of the reducing agent will be maintained and this product will contain when mixed with water, no more than 0.00002% (2ppm) soluble chromium (VI) of the total dry weight of the cement.

Use of this product after the end of the declared storage period may increase the risk of an allergic reaction

Shelf life: 9 months in unopened bag, stored in dry conditions

Quality Control

All products are factory blended, tested and packaged in accordance to our quality standards

Information, Prices & Ordering

Regular orders for Tarmac pre-blended cementitious products should be made by contacting our national order line on 01302 718 404 giving as much notice as possible but not less than 48 hours.

For technical enquiries please call 01302 718 440.