

# POST FIX

## Rapid Hardening Concrete



A 10mm concrete formulated for sub-surface use and fast installation of posts, signs, fences, street lighting, speed cameras and road side barriers.

- Professional grade
- Easy mix
- Fast set
- 41N/mm<sup>2</sup> compressive strength
- Two-part mix

### Applications

UltraCrete Post Fix is a rapid hardening 10mm concrete formulated for sub-surface use in the fast and efficient installation of posts, signs, fences, telephone and electricity poles, street lighting columns, street furniture, speed cameras and road side barriers.

### Technical

Post Fix is supplied as a damp pack in 25kg plastic bags, which contain 2 parts – a 10mm graded aggregate pack and special cement pack. The product requires only the addition of water on site to form a strong quick setting base which holds posts, signs, fences, etc. instantly.

### Preparation

Good concrete practice should be observed at all times to enable the mix to be placed into position within 4 minutes of mixing. All surfaces should be free from oil, grease, dust or any other visible contaminants. Remove all loose particles and work on a sound substrate to ensure product performance and bond are achieved. Pre-soak the reinstatement area with water prior to product application.

### Mixing

Post Fix should be mixed by hand or with a freefall mixer. Simply mix the inner bag containing the cement with the aggregate. Add approximately 1.75 litres of water initially and mix thoroughly. Should the addition of extra water be required, add only small amounts at a time to a maximum of 2.5 litres and mix gradually until a stiff concrete consistency is achieved. Note: The addition of excessive water will result in slower strength gain, reduced final compressive strength and the possibility of shrinkage cracking.

### Placing

Apply Post Fix material over the pre-soaked area within 4 minutes of mixing. Firm the material well into position by tamping or using a float. Clean any mixing equipment with water immediately after use.

### Storage

Store in closed original container at temperatures between 5°C and 30°C. Avoid frost. This product must be stored in unopened bags, clear of the ground in cool dry conditions and protected from excessive drafts. If stored correctly and used within 8 months of the date shown on the bag, the activity of the reducing agent will be maintained and this product will contain, when mixed with water, no more than 0.0002% (2 ppm) soluble Chromium (VI) of the total dry weight of the cement.

### Health, Safety and Environmental

Please ensure that appropriate PPE is used when preparing, mixing and applying products. Always wash your hands before consuming food and make sure that materials are kept safely out of reach of children and animals. Please dispose of packaging and waste responsibly and in accordance with local authority requirements. A full material datasheet relating to this product is available from [instarmac.co.uk](http://instarmac.co.uk)

### Quality assurance

All products are manufactured in a plant whose quality management system is certified / registered as being in conformity with BS EN ISO 9001. Our products are guaranteed against defective materials and manufacture, and will be replaced or money refunded if the goods do not comply with our promotional literature. We

cannot however accept any liability arising from the application or use of our products because we have no direct or continuous control over where and how our products are used. All products are sold subject to our conditions of sale, copies of which may be obtained on request.

#### Technical data

Compressive strength (N/mm <sup>2</sup> )*	
1 hour	4.00
24 hours	16.00
7 days	32.00
28 days	41.00
Workability	5-10 minutes
Setting time	15 minutes
Unit/packaging	25kg plastic bag (56 units per pallet)

\*Depending on temperatures – tests carried out at 20°C. Cool temperatures retard, warm temperatures accelerate product performance.