

PART NO. RP06400/17

Post Fix

Rapid Hardening Post Fix Concrete

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

Ultracrete 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

Ultracrete 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 **Ultracrete 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

Health & Safety

Operatives should wear protective clothing and work in well-ventilated conditions. This product contains Portland cement which, when mixed with water is alkaline and may in some cases cause skin irritation. If product enters the eyes, wash thoroughly with water and seek medical advice. In common with all powder products, the material should be mixed carefully, avoiding the raising of dust.



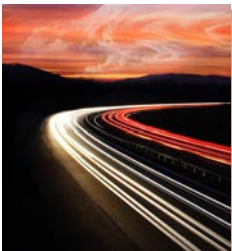
Features & Benefits

- Eliminates second visits and traffic management
- Economical
- Effective in areas prone to vandalism
- Sets in 15 minutes (dependant upon temperature)
- Workability 5-10 minutes (dependant upon temperature)
- Small contractor friendly units, which offer consistent quality and are ideal in site areas with limited access
- Professional grade



Related Products

- Ultracrete QC10 F** Rapid Set Flowable Concrete
- Ultracrete SCJ** Bitumen Cold Joint Sealer and Tack Coat
- Ultracrete IRR** Cold Lay Asphalt Concrete
- Ultracrete FTC** Fast Set High Strength Repair Concrete
- Ultracrete QC6** Rapid Set Surfacing Concrete
- Ultracrete RSC** Extra Rapid Hardening Cement



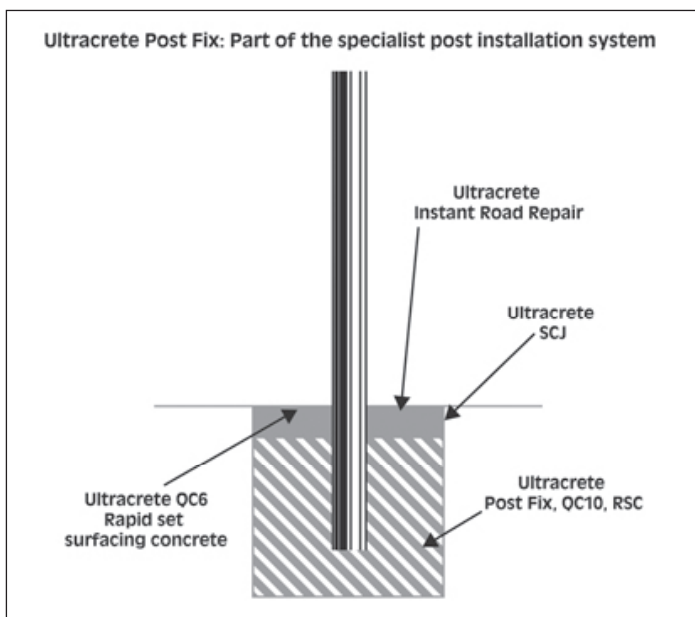
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Physical Properties

Test Age	Curing Temperature	Compressive Strength* (N/mm ²)
1 hour	20°C	4.00
24 hours	20°C	16.0
7 days	20°C	32.0
28 days	20°C	40.0
Workability	5-10 minutes *	
Setting time	15 minutes *	

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



Product Details

Unit/Packaging	25kg plastic bags delivered on shrink-wrapped pallets
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 6 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
Shelf Life	Shelf life from date of manufacture in correct conditions for sealed bags is 6 months. High temperatures and high humidity will lead to a reduced shelf life
Density	2200kg/m ³
Coverage	Approximately, 1m ² @ 12.5mm
Yield	12.5 litres (approximately)
Colour	Brownish Grey

Contact Us

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