

# KERB AND PATCH REPAIR

**ULTRA  
CRETE**

High Specification Concretes



Ideal for the reinstatement of small areas requiring less than a ready-mix quantity for example, the reinstatement of trip hazards, kerbs and steps.

- High strength
- No waste
- Open to traffic: 2 hours
- 50N/mm<sup>2</sup> compressive strength

## Applications

UltraCrete KERB AND PATCH REPAIR is a two-component rapid repair mortar, ideal for the reinstatement of small areas such as trip hazards, kerbs and steps where prompt access is required.

## Technical

KERB AND PATCH REPAIR, supplied in 10kg plastic containers, is a two-part system, comprising of a fully pre-blended mix of special cements and aggregates and a polymer modified liquid admixture. The product allows for depths of 10mm to 100mm to be achieved in one application. KERB AND PATCH REPAIR should not be used at temperatures below 5°C during application or initial set.

## Preparation

All surfaces should be free from oil, grease, dust or any other visible contaminants. Smooth substrates must be mechanically roughened, e.g. by scabbling or needle gun, followed by washing with clean water to remove all loose particles. Always work on a sound substrate. It is essential that repair edges are saw cut to a minimum depth of 10mm, feather edging is not recommended.

## Priming

Use the supplied primer (white liquid included in the pack) to prime the surfaces prior to application, paying particular attention to the edges of the repair. Note: Do not allow the primer to dry.

## Mixing

Mix the blended cements and aggregates vigorously with the remaining primer liquid. A little water may be added to produce a stiff slump-free homogeneous compound.

## Placing

KERB AND PATCH REPAIR should be applied firmly into position as soon as possible after mixing. Pay particular attention to edges and thin sections. Level up to the surface and finish using a steel float or trowel to close up the surface and seal the edges. KERB AND PATCH REPAIR is ideal for small areas of repair. Larger patches may require an alternative product such as FTC. Consult the Instarmac Group Sales Department on +44 (0) 1827254400 or visit our website [instarmac.co.uk](http://instarmac.co.uk).

## Storage

**Powder:** Store in closed original container at temperatures between 5°C and 30°C. Avoid frost. This product must be stored in unopened tubs, 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 tub, 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.

**Liquid:** Store in tightly closed original container in a dry, cool and well-ventilated place. Extreme temperatures can damage this product in its liquid form. Store containers at temperatures between 5°C & 30°C. Liquid should not be exposed to excess heat, cold or frost during storage or when being transported between sites.

## Shelf life

Shelf life from date of manufacture in correct conditions for sealed packaging is 8 months. Note: The use of this product after the end of the declared storage period may increase the risk of an allergic reaction. High temperatures and high humidity will lead to a reduced shelf life.

### 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	8.00
2 hours	15.00
4 hours	20.00
1 day	28.00
7 days	45.00
28 days	50.00
Tensile strength (N/mm <sup>2</sup> )*	
1 day	4.19
7 days	6.20
28 days	8.08
Flexural strength (N/mm <sup>2</sup> )*	
1 day	6.33
7 days	11.12
28 days	11.16
Bond strength (N/mm <sup>2</sup> )*	
1 day	2.15
7 days	2.30
28 days	2.34
Workability*	7 minutes
Setting time*	25 minutes
Density	2300kg/m <sup>3</sup>
Coverage	Approx 0.5m <sup>2</sup> @ 10mm
Yield	5 litres approx
Grey	<i>As with all raw materials, colour variation may occur. Please note that this does not affect the consistency or characteristics of the product.</i>

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

### Contact Us

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