

## Instant Road Repair – Permanent Cold Lay Macadam

### Information

**Ultracrete IRR (Instant Road Repair)** is a permanent cold lay surfacing macadam (**BBA/HAPAS** approved certificate 01/H060) for first time permanent/temporary pothole repairs in footways, footpaths, cycle tracks and type 2, 3 & 4 roads.

**Ultracrete IRR** also forms part of the BBA/HAPAS Ironwork Reinstatement System certificate 05/H104. For a copy of the BBA/HAPAS Certificates please call Instarmac Sales on +44 (0) 1827 872244 or visit our website on [www.instarmac.co.uk](http://www.instarmac.co.uk).

### Technical

**Ultracrete IRR** is a fully graded hardstone aggregate material. The formulated bitumen contains polymers and flexibilisers and is modified with a spirit base. It is available in 3mm, 6mm and 10mm surface course grades. The compacted wearing course provides a hard dense surface that can be trafficked immediately.

### Preparation

Compact the back-fill and sub-base to specified depth below the existing wearing course. Ensure all compaction equipment is clean and the site clear of all debris. Apply **Ultracrete SCJ** to all vertical edges of the reinstatement.

### Placing

**For 3mm grade Ultracrete IRR** achieves a 30mm wearing course. Apply material to a depth of approximately 45mm (to achieve 30mm compacted area).

**For 6mm grade Ultracrete IRR** achieves a 60mm wearing course. Apply material to a depth of approximately 45mm (to achieve 30mm compacted area). Then repeat the process as above.

**For 10mm grade Ultracrete IRR** achieves 100mm wearing course. Apply material to a depth of approximately 45mm (to achieve 30mm compacted area), repeat process, then apply a final layer of 60mm compacted to 40mm to achieve 100mm wearing course.

**Final application for all three grades** – Compact material in accordance with \*Appendix 8 of the Specification for the Reinstatement of Openings in Highways 1992. Re-apply **Ultracrete SCJ** to all vertical edges. Apply **Ultracrete IRR** once again with a surcharge and compact material level with the existing surface.

**Note:** All grades use approximately 50% additional material. \*Please refer to \*Appendix 8 of the Specification for the Reinstatement of Openings in Highways 1992.

### Precautions

The binder used **Ultracrete in IRR** is particularly tenacious and skin contact should be avoided. We advise the use of industrial type gloves, overalls, and protective footwear.



### Features & Benefits

A cold lay surfacing macadam designed for permanent first time reinstatements to roads and ironwork.

- Rapid repair time – only one visit required.
- Open to traffic instantly.
- Minimum labour required .
- 6mm and 10mm grades are **BBA/HAPAS** approved for first time permanent repairs in footways, cycle tracks and Class 2, 3 & 4 carriageways.
- Manufactured under a Quality Management System BS EN ISO 9001:2000.

### Recommended Applications

Permanent reinstatement of openings in type 2, 3 & 4 carriageways, footways, footpaths and cycle paths. Also ideal for private drives, the reinstatement of potholes and remedial repairs around manholes.



### Related Products – BBA/HAPAS Approved

<b>Ultracrete QC10</b>	Rapid strength backfill concrete.
<b>Ultracrete M60</b>	Rapid set mortar.
<b>Ultracrete PY4</b>	Polyester resin mortar.
<b>Ultracrete SCJ</b>	Bitumen cold joint sealer.
also	
<b>Ultracrete M45/M90</b>	Rapid strength mortars.
<b>Ultracrete Instaline</b>	Thermoplastic marking repair.
<b>Ultracrete Instaband</b>	Skid resistant Overbanding tape.

## Health & Safety

Operative should avoid skin contact. Should however, the bitumen binder adhere to the skin it can be removed with a gel type cleaner.

Any contact with the eyes should be dealt with by irrigating the eye with copious amounts of water. If discomfort continues seek medical advice.

## Specification – Ultracrete Instant Road Repair (IRR)



	BBA/HAPAS Approved	Colour	Pack Size
<b>10mm Wearing Course</b>	Class 2, 3 & 4 carriageways, footpaths and cycle tracks	Black	25kg bag or tub
<b>6mm Wearing Course</b>	Class 2, 3 & 4 carriageways, footways and cycle tracks	Black & Dark Red	25kg bag or tub
<b>3mm Dense Mix</b>	–	Black	25kg tub
<b>Storage</b>	Store in a cool dry place at temperatures between 2°C – 35°C. Shelf life in correct conditions for sealed goods is: <ul style="list-style-type: none"><li>• Bag – 1 month</li><li>• Tub – 6 months</li></ul>		
<b>Coverage IRR</b>	1m <sup>2</sup> x 15mm (Compacted)		
<b>Handling Guidance Notes</b>	<b>Ultracrete Instant Road Repair</b> is manufactured and delivered within as short a time as possible to ensure fresh easy to lay material is supplied. It should be noted that bags on pallets, particularly those at the bottom, can appear firm, applying light pressure to the edge of the bag will restore the material to its normal consistency.		

For updated Material Safety Data information visit [www.instarmac.co.uk](http://www.instarmac.co.uk)

### Contact us

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