

## Product Description

Uretech RRS is a four-component, polyurea road repair system designed for to provide a permanent repair to potholes, surface defects and areas where previous repair attempts have been unsuccessful.

- ▶ **Component 'A'**  
A blend of tough, sharp aggregates. (17.000kg)
- ▶ **Component 'B'**  
A grey/white mixture of pigments and fillers. (1.500kg)
- ▶ **Component 'C'**  
A low viscosity modified isocyanate. (0.500kg)
- ▶ **Component 'D'**  
A low viscosity polyol dispersion. (1.000kg)

## Typical Applications

Uretech RRS is designed to fill potholes or damaged areas of road surface. Unlike 'quick-fix' bitumen based products a single repair will outlast the surrounding road surface.

## Installation

Uretech RRS should be mixed in a forced action mixer such as a Creteangle or Baron mixer. However, a 30 litre Daines Mixal is ideal for mixing a single kit quickly and efficiently.

The aggregate should be tipped into the mixer first which is then started, and then the remaining components should be added in the order B, C & D and mixing continued until a uniform mix is obtained. This should take between 1 and 2 minutes depending on the mixer being used. All mixes should be timed for consistency.

The mixed material can then be poured into the pothole with subsequent agitation to produce a level surface. The Compound will be fit for traffic after 1-4 hours dependent on ambient temperature.

## Packaging

Uretech RRS is available as a 20kg kit of pre-measured components.

## Handling & storage

Uretech RRS should always be stored in a dry, covered area and good standards of industrial hygiene should be observed when handling all components.

The recommendations made in the Health and Safety data sheets for this product should be observed at all times.

- ▶ **Component 'A'**  
Store in a dry, covered area between 5°C and 25°C. Expected shelf life of 24 months.
- ▶ **Component 'B'**  
Store in a dry, covered area between 15°C and 25°C. Expected shelf life of 6 months.
- ▶ **Component 'C'**  
Store in a dry, covered area between 5°C and 25°C. Expected shelf life of 12 months.
- ▶ **Component 'D'**  
Store in a dry, covered area between 5°C and 25°C. Expected shelf life of 12 months.

Part 'C' contains 4,4'diphenylmethanediisocyanate and the advice contained in the Star Uretech Safety Data Sheet for this component is of particular importance.

## Technical information

CURED MATERIAL (without aggregate)		
Hardness	Shore D	75
Compressive strength at first failure	N/mm <sup>2</sup>	20
Compressive strength at 40% compression	N/mm <sup>2</sup>	45
Deflection at failure	%	10
Compressed cylinder (edge) break	N/mm <sup>2</sup>	6
Compressed cylinder (edge) crack propagation	N/mm <sup>2</sup>	6
Compressed cylinder (edge) deflection at break	%	10

	Part 'A'	Part 'B'	Part 'C'	Part 'D'
Viscosity @ 25°C (cps)	N/A	Powder	60 max	250 max
Specific Gravity	N/A	1.3	1.21	1.01
Colour	N/A	White	Amber	White

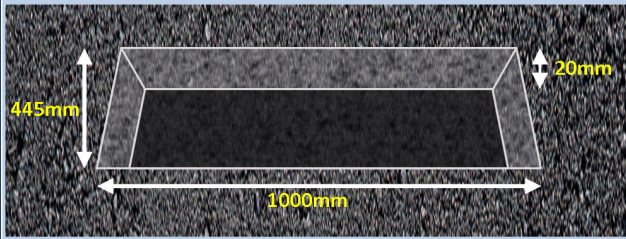
Mixed material has a specific gravity of 2.25

## Disposal

The condition of this product will determine the required method of disposal. Used containers with fully cured product remaining around the edges or bottom of the container should have the hazard label removed or obscured before disposal as general building waste. Uncured/Liquid product should be disposed of as hazardous waste.

## Coverage

A single kit of Uretech RRS is sufficient to fill 0.009m<sup>3</sup>.  
(A 1m long trench that is 445mm wide and 20mm deep.)



## Order detail

The order reference for Uretech RRS is RRS-020-00-0.  
A Full pallet consists of 33 x 20kg kits. (0.297m<sup>3</sup>)

## Related documentation

- ▶ Uretech RRS Safety Data Sheets (GHS)
- ▶ Uretech RRS Method Statement

## Contact details

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