



## Stone and Brick Repair – Data Sheet

### Product

Womersley's Stone Repair Mix is a mortar for recreating and patch repairing bricks and natural stones in a wide range of colours. The Stone repair mix can be carved, sanded, dressed and shaped like stone to give a uniquely convincing look and feel.

Manufactured on site from Lime Green Contour mortar and Colour Blaze natural pigments.

This product is not suitable for concrete repair.

### Coverage

Approximately 1.7kg of dry mortar is required per litre. A 25 kg tub yields around 15 litres.

### Advantages

- Quality controlled production
- Consistency of mix ratio
- Natural Elasticity to absorb minor building movements
- Breathable
- Entirely natural

### Surface Preparation

The background must be assessed before work commences for the cause of decay and compatibility of the repair mix. Remove any loose or friable masonry, and any contamination. Stone or bricks which are heavily salt contaminated may not be suitable. Highly porous backgrounds should be primed the day before with a gritty brush on primer. Ensure the background is suitable for supporting the weight of the new material (10mm of Contour over 1m<sup>2</sup> weigh approx. 20kg). Brass armatures or stainless-steel lath may be required to support the mix on thicker build ups.

### How to Mix

Carefully add the powder to clean water, using no more than 5 litres per 24kg tub. Mix for between 2 and 5 minutes until a workable consistency is achieved. Do not re-work. Do not use in temperatures less than 3°C or over 25°C.

### How to Apply

Lightly damp the background, before applying with a hawk and trowel. Womersley's Stone Repair Mix should be used for patching or creating "blocks" of stone or brick effect. Never apply in a continuous coat as a render. Coats should be a minimum of 6mm and no more than 40mm. For multiple coats key each coat and apply green on green. For carved or cut back finishes apply the mix slight beyond the finished levels. As the mortar hardens it will become possible to cut and carve it back. A wide range of tools and techniques are suitable, and trials should be made. Our stone mix may also be run in situ for small repairs using traditional techniques.

### Casting

Pour into a mould prepared with mould release oil, using vibration to remove air bubbles and allow to set. It is not suitable for very large cast pieces.

## Womersley's Ltd

Ravensthorpe Industrial Estate, Low Mill Lane, Ravensthorpe, West Yorkshire, WF13 3LN,  
Tel: 01924 400 651 Email: [info@womersleys.co.uk](mailto:info@womersleys.co.uk)

## Curing

Prevent from drying out too rapidly, covering with hessian if necessary. Protect from frost for at least 7 days.

## Fixing

Enrichments and other pieces can be fixed mechanically or adhesively to facades. If fixed at height, bond tests or pull out tests will be necessary and should be arranged at the design stage

## Packaging

Available in Availability In 1 /5/10/ 24kg tubs. The plastic used is suitable for recycling.

## Storage

Store in a dry place free from damp and drafts. Use within 6 months.

## Performance

- Fire Class A1
- Typical Compressive strength 8 to 10N/mm<sup>2</sup>
- Adhesion To be determined after site tests.

## Health and Safety

Wear suitable PPE, including gloves, dust mask and goggles. Do not breath the dust. Wash any dust or mixed materials off skin straight away with plenty of clean water. Wash tools with clean water.

| Risk Phrases  | Safety phrases  |
|---|---|
| R36/37/38 Irritating to eyes, respiratory system and skin                 | S2 Keep out of reach of children  |
| R43 Contact with wet mortar may cause irritation, dermatitis and/or burns | S26 In case contact with eyes, rinse immediately with plenty water and seek medical advice. |
| R 66 Repeated exposure may cause skin dryness and cracking                | S24/25 Avoid contact with skin and eyes   |
|   | S36 Wear suitable protective clothing   |

## Declaration

This product contains no cement.

All Womersley's products are manufactured under an ISO9001:2015 accredited factory production control system.

**Womersley's Ltd**

Ravensthorpe Industrial Estate, Low Mill Lane, Ravensthorpe, West Yorkshire, WF13 3LN,  
Tel: 01924 400 651 Email: info@womersleys.co.uk