

Contour Brick and stone repair mortar

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Lime Green Contour is a mortar for re-creating, imitating and patch repairing bricks and natural stones in a wide range of hues and colours. Contour can be carved, sanded, dressed and shaped like stone to give a uniquely convincing look and feel.

Availability

In 25kg bags. All colours are made to order.

Consumption

Approximately 1.6kg of dry mortar is required per litre. A 25 kg bag yields around 15 litres of mortar.

Storage

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

Handling and cleaning

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

Surface Preparation

The background must be assessed before work commences for the cause of decay and the compatibility of the repair mix, including its porosity, strength and capillary uptake. Remove any loose or friable masonry, and any contamination. Stone or bricks that are heavily salt contaminated may not be suitable. Highly porous or dusty backgrounds can be primed and stabilised the day before with Silic8 PS1 primer, after trials for compatibility. Ensure the background is suitable for supporting the weight of the new material (10mm of Contour over 1m² weighs approximately 20kg). Brass armatures or stainless-steel lath may be required to support the mix, especially on thicker build ups.

Mixing

Mix in a drum mixer or by paddle mixer, avoid creating excessive dust. Carefully add the powder to clean water, using approximately 5 litres per 25kg bag. 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.

Application

Lightly dampen the background before applying with a hawk and trowel or small tools. Contour is used for patching or creating "blocks" of stone or brick effect. Never apply in a continuous coat as with a render. Coats should be a minimum of 6mm and no more than 30mm. For multiple coats key each coat and apply green on green.

For carved or cut back finishes apply the mix slightly beyond the finished level. As the mortar hardens it will become possible to work it with different techniques and tools to the desired shape and finish. Trials should be made before commencing work.

The logo for Lime Green, featuring the words "lime" and "green" in a white, lowercase, serif font, separated by a vertical bar, all set against a solid green background.

Contour may also be run in situ for small repairs using traditional techniques.

Further general guidance and information is available in *BS 8221-2:2000 Code of Practice for Cleaning and Surface Repair of Buildings*.

Casting

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

Curing

Prevent from drying out too rapidly, covering with hessian or mortar fleece if necessary. Protect from frost for at least 7 days. Consult your supplier for detailed information on working in hot or cold weather.

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 by the project manager. Please ask Lime Green for further information if required.

General Guidance

This information is for general guidance only and is not a specification. This product is not suitable for concrete repair. Conduct trials before commencing work. For further information contact Lime Green Products Ltd.

Performance

Fire Class	A1
Typical compressive strength	8 to 10N/mm ²
Adhesion	To be determined after site tests on the specific background.