

# Check and Prepare Existing Unpainted Masonry / Brick / Stone

## 2.17.1. Preliminary Checks

Check all exposed surfaces of the substrate are straight, plumb and undamaged. Any loose substrate material identified must be removed and replaced.

Existing landscaping must be protected and / or removed in consultation with the project owner to allow accurate cladding installation in accordance with Rockcote technical details.

Fixing of a new exterior cladding can only be achieved if a) the existing brick/stone cladding is being removed / or b) if the substrate is solid filled masonry block.

Check with your local BCA as a consent and inspections may be required.

## 2.17.2. Wall Alignment

Using a straight edge, check joints are smooth and that the wall is flat and true. The Rockcote system installation is not designed to straighten deviations which exceed the specified Rockcote Render System thickness.

## 2.17.3. Weep Holes

Weep holes must be kept clear of Render unless an alternative solution is accepted by the BCA.

## 2.17.4. Existing Services / structure

### General

All services must be back-flashed against the building wrap or against the existing weatherboards if they are remaining in place.

### Plumbing

Plumbing services may need to be extend beyond the 'new' outside cladding line.

### Electrical

Electrical services may need to be extend beyond the 'new' outside cladding line. Electrical wiring must be wrapped with conduit.

### Roofing

Face fixed fascia, roof and apron flashings may need to be extended / replaced to allow for extra cladding thickness. All external spouting must be removed prior to cladding installation.

## 2.17.5. Clean Surface

If you are applying the Rockcote system directly over existing substrate all dust, dirt and other contaminants must be removed prior to render applications.

### Remove all moss and mould

Thoroughly clean down to remove all loosely adhered material. Treat areas of moss or mould infestation with Resene Moss & Mould Killer correctly diluted with clean water. Leave for up to 48 hours to achieve full kill. For heavy infestations further applications may be needed. Wash thoroughly with clean water to remove residues. For difficult areas carefully waterblast at 3000 psi to remove all dirt, chalk, moss and mould residue and any other contaminants. Allow the surface to dry out for at least 24 hours.

### Remove powdery layers and efflorescence.

Remove any powdery layers, laitance or efflorescence by vigorous wire brushing or preferably waterblasting. Thoroughly degrease by scrubbing or brushing down with Resene Roof Wash and Paint Cleaner to remove all dirt, dust, grease, chalk, cobwebs and other contaminants. Rinse clean with copious amounts of clean water and test surface is degreased by wiping with clean cotton wool. Repeat process if necessary.

## 2.17.6. Improve adhesion

If you are applying the Rockcote system directly to the existing substrate the wall must be wetted down, or apply a solution of Rockcote Acrylbond and Water – ratio 1 part Acrylbond : 4 parts water to minimise the suction of the substrate.

Allows the render to maintain moisture content for longer, providing greater working time. This process assists with the initial hydration / curing of the render application.

## 2.17.7. Colour selection

For further information on Light Reflectance Values (LRV) refer to TradeSpec™ Document 1.6 - Light Reflectance Values