

Pre-blended single coat application renders

# weber.rend OCR

## one coat render



### Uses

- Provides an excellent background for all **Weber** finishes, masonry paints and many other types of surface coatings
- Can be applied to most suitably prepared substrates, including:
  - brickwork
  - blockwork
  - concrete

### Constraints

Do not apply to gypsum plaster or previously painted surfaces.

### About this product

**weber.rend OCR** is a range of proprietary renders based on Portland cement, lime and sand. They are supplied as pre-blended dry powders, which require only the addition of clean water to provide a comprehensive range of renders which comply with the mix designations and specifications of BS 5262 and BS 5492. A lime-free version for tiling, which conforms to the requirements of BS 5385 is also available.

### Technical data

It is important that the correct grade of render is chosen to suit the substrate and application. BS 5262, *Code of practice for external renderings*, BS 5492 *Code of practice for internal plastering* and BS 5385 *Code of practice for tiling*, all detail relevant render mortar classifications and applications. one coat renders have been formulated to comply exactly with these mix designations and specifications.

#### weber.rend OCR1

BS 5262 and BS 5492 mix designation I (1:1/4:3)

Strong render for dense strong backgrounds and severe exposure conditions.

#### weber.rend OCR2

BS 5262 and BS 5492 mix designation II (1:1/2:4)

Moderate/strong render for moderate/strong backgrounds and moderate exposure conditions.

#### weber.rend OCR3

BS 5262 and BS 5492 mix designation III (1:1:6)

Moderate strength render for moderate strength backgrounds and moderate exposure conditions. **weber.rend OCR3** is appropriate for many general applications.

#### weber.rend OCRT (Tile backing)

BS 5385 specified moderate/strong lime-free render for tiling onto moderate/strong backgrounds.

Reference to the relevant standard prior to selecting and using the appropriate grade of render is highly recommended. BS 5262, *Code of practice for external renderings*, BS 5492 *Code of practice for internal plastering*, BS 5385 *Wall and floor tiling* and BS 8000-10 *Workmanship on building sites. Code of practice for plastering and rendering*, should be followed at all times.

### Features and benefits

- ▲ Formulated to comply with British Standard mix designations (see technical data)
- ▲ Resists the penetration of external water and has excellent weather resistance and durability, whilst allowing the structure to breathe
- ▲ Factory controlled production to give a consistently high quality product
- ▲ Give the same final appearance as traditional cement and sand renders but in significantly less time
- ▲ Non-combustible (Class 0 fire rating when applied to non-combustible substrates)

# weber.rend OCR

## Preparation

All surfaces must be sound, clean, dry and free of any material which may impair adhesion.

Scaffolding must be independently tied to allow for uninterrupted application. Any faults in the structure, particularly those which may lead to moisture penetration must be rectified.

Poorly keyed surfaces, for example smooth concrete, or substrates of uneven or high suction should be prepared with **weber.rend aid**.

Mask around the areas where material is to be applied. Masking tape must be removed before the material has dried out.

Expansion joints should be included as required by the substrate and carried through all applied materials.

Suitable specification clauses, including specifications for difficult or mixed substrates are available from our Technical Services Department.

**Note:** In many cases rendering applied to expanded metal lathing is more prone to cracking than when applied to dense masonry. To reduce this risk, lathing must be fixed strictly in accordance with the manufacturer's recommendations and relevant codes of practice.

Consult our Technical Services Department for further advice.

## Mixing

**weber.rend OCR** should be mixed with clean water at a rate of approximately 4 – 5 litres per 25 kg bag using a tumble mixer or suitable drill with whisk attachment. For best results, use as little water as possible and mix to give a workable consistency.

**Note:** **weber.rend OCR** may stiffen on standing. Re-mix product to regain workable consistency but do not add any more water.

## Application

To avoid dampness and discolouration of finishes rendering should be avoided below DPC or within 150 mm of ground level.

**weber.rend OCR** should be applied with a hawk and trowel in a one coat operation, then ruled level. On low suction backgrounds a first pass may be necessary prior to building up the full thickness in the second pass.

Render thicknesses are as for traditional materials.

- External render approx. 16 mm for sheltered to moderate exposure or 20 mm for severe exposure.

- Internal render approx. 8 to 19 mm.

- Tiling approx. 8 to 20 mm.

Thickness should not exceed 25 mm.

Finish as required. For plain face finishes rub up in the normal way as the render begins to pick up. Other appropriate finishes may be achieved by suitable means.

### Cure for 2 – 3 days before over coating.

During rapid drying conditions such as hot climates, curing with a fine spray of clean water may be necessary.

### Protection

Protect from unfavourable weather conditions during application and early curing.

### Good practice

Do not apply:

- If frost is forecast within 24 hours of use
- In damp/wet conditions
- In temperatures below 5°C or above 30°C
- On elevations in direct sunlight or where the substrate is hot

## Cleaning

All equipment must be washed with clean water immediately after use. Waste material should not be emptied into drainage systems.

## Packaging

**weber.rend OCR** is supplied in 25 kg bags.

## Coverage

For each mm of thickness you will require approximately 1.8 kg per m<sup>2</sup>.

When applied at 16mm thick, coverage is approximately 35 m<sup>2</sup> per tonne.

**Note:** These estimates take no account of wastage and may vary according to the type of surface involved. An allowance must be made for uneven and misaligned substrates when ordering materials.

## Storage and shelf life

When stored unopened in a dry place at temperatures above 5°C, shelf life is 12 months from date of manufacture.

## Health and safety

Contains cement (Contains chromium (VI). May produce an allergic reaction). Harmful by inhalation. Irritating to eyes and skin. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical help. After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.

**For further information, please request the Material Safety Data Sheet for this product.**

## Technical services

Weber's Customer Services Department has a team of experienced advisors available to provide on-site advice both at the specification stage and during application. Detailed specifications can be provided for specific projects or more general works. Site visits and on-site demonstrations can be arranged on request.

### Technical helpline

Tel: (01525) 722110  
Fax: (01525) 718988

## Sales enquiries

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