



# **MATERIALS LIST**

## **8 The Courtway Watford WD19 5DW**

### **Condition No3.**

FEB 2024

This document outlines the proposed materials and finishes to be used as part of the planning approval - 23/1761/FUL - Subdivision of existing dwelling and plot into two separate dwellinghouses including substantial demolition of existing dwelling and construction of single storey front, side and rear extensions, raised rear terraces, roof extension including front rooflights and alterations to frontage.

1. External Wall - Masonry blockwork with Weber Monocouche render finish in Granite Grey
2. Roof tiles - Redland Regent Interlocking Grey Tiles with black UPVC fascia
3. Windows and Doors - Everest Aluminium Charcoal Grey
4. Example finish of building - 2 The Courtway

**1.  
External Wall -  
Masonry blockwork with Weber Monocouche  
render finish in Granite Grey**



**Granite Grey**

# weberpral M

Through-coloured, one-coat render

- \* For application to most suitably prepared brick and blockwork
- \* Offers a variety of ways to achieve distinct architectural features
- \* Durable and weather resistant

## About this product

**weberpral M** is a one-coat, ready-mixed, cementitious, weather resistant, external decorative, through-coloured render, suitable for most types of brick or blockwork. The through colour and one coat features allow fast application with shorter programme periods, thereby reducing associated scaffolding and site costs and permitting the earlier completion of ground works.

## Features and benefits

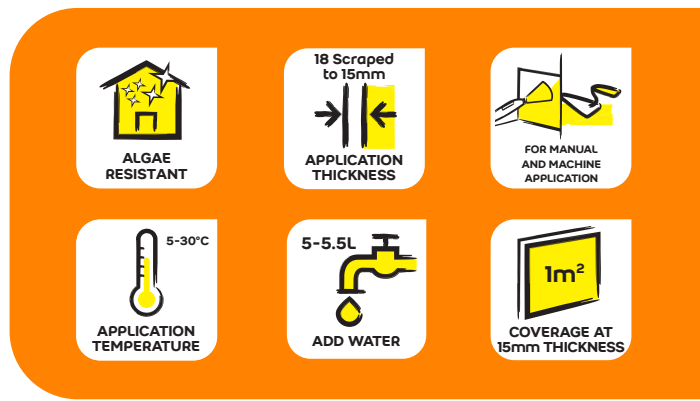
- One coat for fast application and short programme periods
- Formulated to be spray applied by render pump for faster application
- Through coloured for low maintenance – decoration not required
- Weather resistant
- Algae resistant
- Can be finished in a number of textures and styles
- BBA approved certificate no. 17/5464

## Uses

- Weather resistant decorative finish for new build or refurbishment projects
- Produce a range of finishes:
  - Scraped
  - Sprayed
  - Rough cast
  - Dry dash
- Create ashlar and quoin features
- Use for entire elevations, feature panels or smaller areas ie. garden walls

## Colours

**weberpral M** is available in a range of 24 colours. Specifiers should consult the **weberpral M** colour chart and, whenever possible, obtain samples prior to specification.



## Technical data

**weberpral M** has been designed for spray application and can be applied up to 28 mm thick in two passes. Manual application is also possible.

**weberpral M** has excellent weather resistance and durability, whilst allowing the structure to breathe.

Substrates must have a good mechanical key suitable for rendering. **weberend aid** must be used to provide an artificial key on substrates such as smooth concrete.

## Preparation

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

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

All surfaces must be sound, clean, suitably dry and free of any material which may impair adhesion. The substrate should be suitable for rendering with a designation III mix (1:1:6).

Arrises and feature stops may be formed using clean straight timber battens. Alternatively, suitable beads may be used but, with a scraped finish, these will be evident and must be accepted as a feature.

Please note that scraped renders may, during the scraping process, tend to spall away from the nose of some angle beads. Refer to Weber's Technical Department for advice on suitable profiles.

Mask as required. Edging tape must be removed before the material has dried.

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

Do not apply to gypsum plaster or previously painted surfaces

## Mixing

**weberpral M** should be mixed with 5 - 5½ litres of clean water using either a suitable render spray machine, drill and whisk or tumble mixer.

To ensure colour consistency, the materials required for complete and adjoining panels should be of the same batch number or be thoroughly mixed together before use.

For best results, use as little water as possible and mix to give a workable consistency.

Note: **weberpral M** may stiffen on standing. Remix product to regain a workable consistency but do not add any more water.

## Application

To maintain colour consistency, panels should be completed in sequence around the building.

We recommend that beads are fixed using our dedicated adhesive - **weberend bead adhesive**. This can set up to 4 times faster compared to standard mortar options - setting sufficiently within two hours (at 20°C) to allow rendering to progress.

## Spray roughcast

Depending on the required finished thickness, a first pass is spray applied to a minimum thickness of 10mm and ruled level. A second texture pass is applied between 1 and 2 hours after the first to form a single monolithic coat with a minimum thickness of 15mm. Total finished thickness should be between 15 and 25mm.

To the best of our knowledge and belief, this information is true and accurate, but as conditions of use and any labour involved are beyond our control, the end user must satisfy themselves by prior testing that the product is suitable for their specific application, and no responsibility can be accepted, or any warranty given by our Representatives, Agents or Distributors. Products are sold subject to our Standard Conditions of Sale and the end user should ensure that they have consulted our latest literature.

## Scraped finish

**weberpral M** should be applied to the suitable substrate in a one or two-pass operation to a minimum thickness of 18mm, or to a maximum thickness of 28mm. (2 - 3mm will be removed by the scraping process to give a finished thickness of minimum 15mm, maximum 25mm.) It should then be ruled level and allowed to harden for between 5 and 16 hours. Sometimes a longer period may be necessary depending on weather and background conditions.

When **weberpral M** is green (set but not fully hardened) it should be scraped with a circular action using a scraping tool. It is essential that this is done carefully and evenly, ensuring all laitance is removed and that no part is missed. Thoroughly brush down the surface of the scraped finish using a soft bristle brush.

## Dry dash finish

Apply **weberpral M** by render pump or traditional methods in the usual manner. For 15mm render thickness apply an initial pass to a nominal 10mm, rule level. When sufficiently hard but still green (typically between 1 & 16 hours later depending upon climatic conditions and suction provided by the substrate) apply a secondary butter/dash receiver coat 5mm in thickness. Please note for a 20mm finished thickness apply a 15mm initial pass, followed by 5mm under the same guidance.

Attempting to dash into a full thickness of render, not applied in layers may lead to slumping and loss of the aggregate into the render.

A flowing edge must be maintained to the render which must not be allowed to skin over before the stone is applied.

On completion aggregate should be lightly tamped into the render with a wood or plastic float to ensure that a good bond is obtained. All aggregate should be washed and reasonably dry. The optimum size of aggregate is between 4 - 8mm.

## Ashlar features

Apply **weberpral M** in two passes to an initial thickness of between 20mm and 28mm to allow for an Ashlar recess from 2mm deep up to a maximum of 10mm.

Ensure a minimum of 15mm thickness is maintained at the base of the recess for sheltered to moderate exposure.

Rule level and spatula flat. When the material is still green, scrape the surface as detailed in the guidance notes for scraped finish.

Immediately after scraping, mark out and cut the Ashlar effect using Ashlar tools to produce the desired profile. Thoroughly brush down the surface of the render using a soft bristle brush.

**weberpral M** will set and gain hardness in a similar manner to conventional renders. Protection from unfavourable weather conditions should always be provided during application and early age curing.

## 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

## Curing

Curing with a fine spray of clean water may be necessary during rapid drying conditions. In hot climates, curing as above is essential for 3 - 5 days after application.

## Packaging + coverage

**weberpral M** is supplied in 25kg paper sacks.

When applied to achieve a finished thickness of 15mm, coverage is 1m<sup>2</sup> per 25kg bag.

Note: These estimates take no account of wastage and will vary according to the type of surface involved and method of application.

## Storage and shelf-life

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

## Health & 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. Keep out of the reach of children. For further information, please request the Material Safety Data Sheet for this product.

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📱 @SGWeberUK



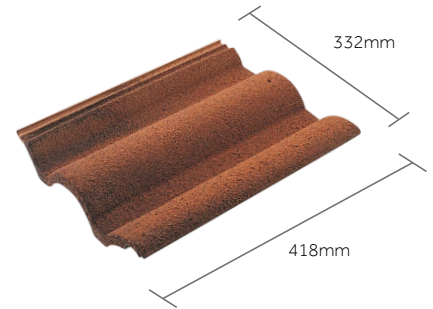
## **2. Roof tiles - Redland Regent Interlocking Grey Tiles with black UPVC fascia**

# Regent

Unique to BMI Redland and characterised by its high, bold roll profile, the Regent tile is manufactured with a choice of colours, offering flexibility and compatibility to suit all roof types.

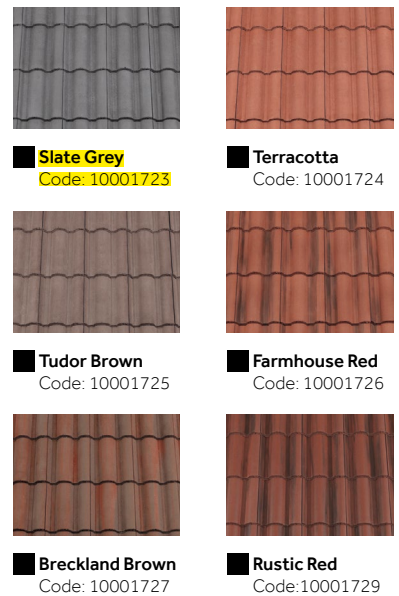
## KEY ADVANTAGES

- Unique high, bold roll profile
- Our lowest pitch capability tile
- Ideal for extensions and lean-to roofing



PRODUCT DATA	
<b>Size (overall)</b>	418 x 332mm
<b>Minimum Pitch and Headlap</b> Through coloured	12.5° at 100mm headlap / 17.5° at 75mm headlap <small>(When roof slope includes inclined valleys, minimum pitch is 15°. If the roof slope includes roof windows check with the manufacturer what the minimum pitch specifications are for the roof windows)</small>
<b>Maximum Pitch</b> (subject to fixing specification)	90°
<b>Maximum Headlap</b>	125mm
<b>Minimum Gauge/Batten Spacing</b>	293mm
<b>Maximum Gauge/Batten Spacing</b> Through coloured	below 17.5° at 318mm / 17.5° and over 343mm
<b>Hanging Length</b> (approx)	397mm
<b>Cover</b> (all figures are net & do not allow for wastage) Linear cover of 1 tile Covering capacity	300mm 10.5 tiles/m <sup>2</sup> at 318mm gauge / 9.7 tiles/m <sup>2</sup> at 343mm gauge
<b>Weight</b> (at max. gauge approx)* per pallet, including pallet (approx) per 1000	46kg/m <sup>2</sup> at 318mm gauge 43kg/m <sup>2</sup> at 343mm gauge 1.18 tonnes 4.43 tonnes
<b>Battens Required</b> (at max. gauge)	2.92m/m <sup>2</sup>
<b>Batten Size</b> Rafter centres up to 450mm Rafter centres up to 600mm	38 x 25mm 50 x 25mm
<b>Fixing Clips</b>	Eaves, Verge & Tile Clips
<b>Nail Size for Slates**</b>	75 x 3.35mm (A/A)
<b>Pallet Quantities</b>	Tiles per pallet 252    Tiles per pack 42 Packs per pallet 6

\*All weights nominal \*\* (A/A) Aluminium Alloy



**SCAN THE QR CODE**  
for more information or  
to order a tile sample

## INSTALLATION GUIDELINES:

- Tiles must be laid in a straight bond pattern
- Tiles must be hung on their nibs
- It is always advised that tiles are laid at mid shunt, although the precise roof details may require tiles to be laid more open or closed
- Eaves Comb must be used at all eaves situations
- Dentil slips must be used for mortar bedded ridges and hips
- Always refer to FixMaster for a BS 5534-compliant fixing specification
- When clipping verges, both left-hand and right-hand perimeter tiles must be clipped



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## PRODUCT STANDARDS

Regent tiles conform to BS EN 490:2011+A1:2017 Concrete roofing tiles and fittings for roof covering and wall cladding. Tiles will meet all the requirements of BS 5534:2014+A2:2018 Code of practice for slating and tiling (including shingles), providing BMI Redland's fixing recommendations are complied with.

## FURTHER INFORMATION & TOOLS

For access to BIM objects or NBS-based clauses, Declarations of Performance, Material Safety Data Sheets, product codes or for expert help and advice, please visit our website.

## SAFETY, QUALITY & ENVIRONMENT

BMI Redland tiles are manufactured under a Quality Management System approved to ISO 9001: 2015 and an Environmental Management System approved to ISO 14001: 2015, by TÜV NORD CERT GmbH. Information regarding transportation, handling, storage and disposal can be found on the Safety Data Sheets.

## TECHNICAL SUPPORT

Whether you require telephone advice for your project, an online fixing specification or want to benefit from our complete guaranteed specification service, our expert team are on hand to help ensure success for your roof.

## Regent SYSTEM ACCESSORIES

### TILES

Standard Tile  
Half Tile

### UNDERLAYS

Spirtech 400 2S  
Divoroll Elite 200 2S  
Divoroll Universal 2S

### EAVES PRODUCTS

RedVent EavesVent 350-450mm (6m)  
RedVent EavesVent 450-600mm (6m)  
Extension Trays 350-450mm (6m)  
Extension Trays 450-600mm (6m)  
Rapid EavesVent 2-in-1 Tray  
Rapid EavesVent Rafter Roll (6m)  
RedVent 25 Over-Fascia Vent (6m)  
Underlay Support Tray (1.5m)  
Eaves Comb Filler (1m)

### VERGE PRODUCTS

Cloaked Verge LH  
Cloaked Verge RH  
DryVerge (Pack of 18 LH & 18 RH)  
DryVerge Gable End Pack  
Rapid DryVerge (Pack of 18 LH & 18 RH)  
Rapid DryVerge Gable End Pack

### HIP PRODUCTS

Dry Hip (2.7m)  
Continuous Hip (5m)  
Third Round Hip/Ridge Junction  
Uni-Vent Rapid Ridge/Hip (10m)  
Uni-Vent Rapid Hip Support Tray (1.2m)  
Third Round Hip (without nail holes)  
Third Round Hip (with nail holes)  
Third Round Block-End Hip  
Mortar Bedded Fixing Kit

### VALLEY PRODUCTS

GRP 125 Valley (3m)  
Dry Valley (High Profile) (3m)  
Universal Valley Trough Tile

### ABUTMENT PRODUCTS

Wakaflex Rapid Flashing  
Top Edge Abutment Ventilation Pack (3m)  
Bonding Strip (High Profile) (3m)

### RIDGE PRODUCTS

DryVent Ridge (2.7m)  
Uni-Vent Rapid Ridge/Hip (10m)  
Continuous Ridge (5m)  
Half Round Ridge Vent Terminal  
Ridge Vent Terminal Adaptor  
Flexible Pipe (100 to 100mm)  
Half Round Gas Flue Ridge  
Gas Flue Extension Adaptor  
Half Round Ridge  
DryVent Monoridge (2.7m)  
Half Round Block-End Ridge  
Half Round Monoridge  
Half Round Block-End Monoridge LH  
Half Round Block-End Monoridge RH  
Mortar Bedded Fixing Kit  
Ridge End Cap Half Round

### VENTILATION TILES

Regent RedLine Vent Tile  
Regent 8.8k ThruVent Tile  
Flexible Pipe (100 to 100mm)

### FIXING PRODUCTS

Tile Clip (100)  
Verge Clip LH (100)  
Verge Clip RH (100)  
Eaves Clip inc Nail (100)  
Tile Clip Nail (680)  
Tile Nail (420)  
Kro-Clip (50)  
Innofix Clip Red (500)



### **3. Windows and Doors - Everest Aluminium Charcoal Grey**

# Aluminium Casement Windows



## 1 WINDOW COLOURS

Same colour on inside and outside



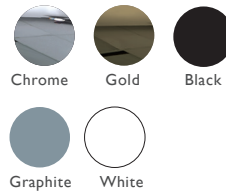
## TWO COLOURS OPTIONS

Exterior colour with white on the inside.



## 2

Off set Handle

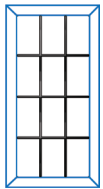


Aluminium Direct Fix	
Min Width	Max Width
300mm	4500mm
Min Height	Max Height
300mm	4400mm

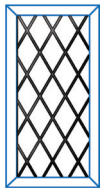
Aluminium Into Timber SubFrame	
Min Width	Max Width
300mm	4500mm
Min Height	Max Height
300mm	4400mm

## 3 GLAZING OPTIONS

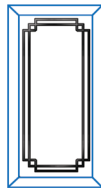
Lead Designs – Bespoke customer designs are available



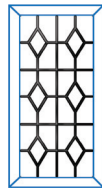
Rectangular Lead



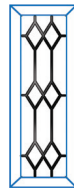
Diamond Lead



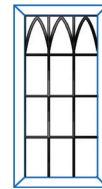
Eton Lead



Queen Anne Lead



Royal Stuart Lead



Arches Lead

Bespoke customer designs are available

### Privacy Glass options



**Warwick**  
Privacy Level 1



**Chantilly**  
Privacy Level 2



**Minster**  
Privacy Level 2



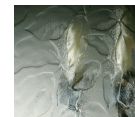
**Sycamore**  
Privacy Level 2



**Taffeta**  
Privacy Level 3



**Digital**  
Privacy Level 3



**Autumn**  
Privacy Level 3



**Mayflower**  
Privacy Level 4



**Florielle**  
Privacy Level 4



**Oak**  
Privacy Level 4



**Charcoal**  
Privacy Level 4



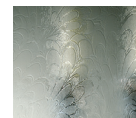
**Stippolyte**  
Privacy Level 4



**Arctic**  
Privacy Level 4



**Contora**  
Privacy Level 4



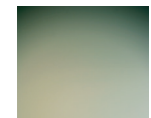
**Pelerine**  
Privacy Level 5



**Cotswold**  
Privacy Level 5



**Everglade**  
Privacy Level 5



**White Diffusa**  
Privacy Level 5

Acid etched pattern ▶



**Canterbury**  
Privacy Level 4



## 4. Example finish of building - 2 The Courtway

