

TECHNICAL INFORMATION

ONE COAT RENDER

Product Data Sheet

DESCRIPTION

One Coat Render is a high quality, pre-blended render, for single coat application on solid substrates such as brickwork, blockwork and concrete, in moderate exposure conditions. Grey colour when dry.

One Coat Render is suitable for tradesmen with experience in applying render.

USES

One Coat Render can be used in the following applications:

- Over suitably prepared block & brick work and concrete.
- Where speed of application is important.
- For external and internal use.

TYPICAL COVERAGE

When mixed with water one 25kg bag will cover approximately:

1.4m² at a depth of 10mm
0.5m² at a depth of 25mm

PREPARATION

Scaffolding should be erected to with sufficient clearance and height to allow the satisfactory application of the render.

Adjacent surfaces that may be damaged during the rendering application should be suitably protected.

Substrates must be clean and free of gypsum, paint, other coatings, organic growth, salts and efflorescence. The substrate should be level and plumb to allow a uniform thickness of render to be applied.

Expansion joints and bed joint reinforcement should be included as required by the substrate in accordance with BS EN 13914-1 and BS EN 13914-2 and should be carried through all applied materials.

The stress points of the building i.e. around openings should be covered with a 200mm x 100mm strips of fibreglass mesh embedded into the **One Coat Render**. Dissimilar materials and areas of weakness in the substrate should be covered with a fibreglass mesh.

Poorly keyed surfaces, for example smooth concrete, or substrates of uneven or high suction should be prepared with SBR. The manufactures' instructions should be followed when using the SBR.

Apply masking tape adjacent to areas where the render is to be applied and remove the tape before the render has dried.

When rendering over expanded metal lathing this should be fixed in accordance with the manufacturer's recommendations. This will reduce the risk of cracking of the render.

MIXING INSTRUCTIONS

This product is pre-blended and requires no further mixing before adding water.

One Coat Render should be mixed using an electrically driven mixer or power tool with a whisk attachment. **One Coat Render** should be added carefully to clean water, progressively mixing until a workable consistency is achieved. It is recommended that 4 to 5 litres of water is used per 25kg bag. To achieve the best results use as little water as possible to give the correct workability. All mixing equipment used should be clean and free of any contamination.

For more details contact:
03444 63 00 46 packedproducts@tarmacbp.co.uk

The information given in this technical data sheet is based on our current knowledge and is intended to provide general notes on our products and their uses. Tarmac endeavour to ensure that the information given is accurate, but accept no liability for its use or its suitability for particular application because of the product being used by the third party without our supervision. Any existing intellectual property right must be observed.

Should **One Coat Render** stiffen whilst standing then it should be re-mixed to regain its workability. Additional water should not be added.

APPLICATION

In hot weather with drying winds, wet the substrate with clean water before application of **One Coat Render**. The applied render must be protected from drying too rapidly and this can be achieved by wetting the newly applied render with clean water 4 times per day for the first 3 days. This will ensure longevity of the product and protect against debonding and cracking.

One Coat Render should not be applied below a DPC or within 150mm of ground level to avoid dampness and discolouration of finished rendering.

Under normal conditions the substrate should be reasonably dry and frost free, and ambient temperatures should be +5°C or above. Rendering should not take place if frost is likely within 24 hours of use or if temperature is due to fall below 3°C. Do not apply the render in damp or wet conditions, in temperatures above 25°C, on elevations subject to direct sunlight or on hot substrates.

One Coat Render should be applied in one coat using a plastering hawk and trowel. After application the render should be ruled level. Where there is a low suction background it is advised that a first coat may be required and that a subsequent second coat be applied to build up the render to the full thickness.

The overall thickness should not exceed 25mm. For external rendering the recommended thickness for moderate exposure surfaces is 15mm and for severe exposure surfaces 20mm. For internal rendering the recommended thickness is 8 to 20mm. Large variations in thickness should be avoided.

Where a plain finish is required the render should be rubbed up in the normal way as it begins to pick up. Other finishes can be achieved using appropriate methods. Leave the render for at least 3 days before applying a coating.

Immediately clean all tools thoroughly with water and do not empty waste material into drains.

QUALITY CONTROL

All Tarmac products are factory blended, tested and packaged to quality control procedure in accordance with BS EN ISO 9001.

STORAGE & SHELF LIFE

Storage conditions and soluble Chromium (VI) This product must be stored in unopened bags clear of the ground in cool dry conditions and protected from excessive draught. If stored correctly, and used within nine months of production, will contain when mixed with water, no more than 0.0002% (2ppm) soluble Chromium (VI) of the total dry weight of the cement. Use of this product after the end of the declared storage period may increase the risk of an allergic reaction. A reducing agent is added to control the level of soluble Chromium (VI).

For optimum performance we recommend this product is used within nine months of date of manufacture.

HEALTH AND SAFETY

Health and safety advice, which must be followed, can be found on the Material Safety Data Sheet. Users are advised to wear face mask, goggles, gloves and overalls when handling, mixing and applying cementitious products.

Contains Portland Cement. Contains Chromium (VI), which may produce an allergic reaction. Clothing contaminated by wet cement should be removed immediately and washed before reuse. R38 - Irritating to skin. R41 - Risk to serious damage to eyes. S26 - In case of contact with eyes, rinse immediately with water and seek medical advice. S37/39 - Wear suitable gloves and eye/face protection. S2 - Keep out of reach of children.

INFORMATION, PRICES & ORDERING

For technical information, pricing and to place orders please contact us as follows:

Orders t: **03444 63 00 46**

Email: **packedproducts@tarmacbp.co.uk**

Visit our website: **tarmac.com**

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