



# Render MaxiFine

Pre-Blended, polymer fortified, bag mix, thin section render, providing a classic fine finish.

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## Description

MaxiFine Render is a pre-blended, polymer fortified cement based render mix, formulated to provide a premium quality, water resistant, render suitable for 'thin section' single coat application from 2mm to 6mm by trowel and finished by floating or sponging. MaxiFine Render does not require any additional bonding admixtures, dependant on substrates, simply add clean water. MaxiFine Render is formulated for easy application and is ideal for top coating with wet mix texture finishes or paint.

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## Uses

MaxiFine Render is suitable for internal and external applications as a thin section render, applied between 2mm to 6mm, applied over most building substrates and as a finish coat over MaxiCoarse Render.

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## Suitable Surfaces

Suitable substrates (without using Maxibond bonding additive) include:

- Concrete
- Cement and cementitious surfaces
- Concrete blocks
- Concrete panels
- Aerated AAC blocks
- Clay bricks
- Finish coat over MaxiCoarse Render.

Suitable substrates (using MaxiBond bonding additive) include:

- FC Sheeting and Blue Board
- Smooth Concrete, e.g. tilt up concrete
- Expanded Polystyrene Systems (EPS) sheeting
- Hebel & ACC Blocks

**Unsuitable surfaces** which should NOT be directly coated with Maxicoarse Render are painted surfaces.

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## Specification

The information contained in this product data sheet is typical but does not constitute a full specification as conditions and specific requirements may vary from project to project. The instructions should be considered as a minimum requirement but the applicator or contractor must use their skill, knowledge and experience to carry out additional works as may be necessary to meet the requirements of the project. Specification for specific projects should be sought from the Company in writing.

## Limitations

Not suitable over plaster, timber, textiles, plastic, glazed, painted surfaces or surfaces with no or limited porosity.

Do not use product if unused after 1.5 hours.

Movement in FC sheeting and Blue Board may cause cracking in the render. These substrates must be stable and free of vibration.

Avoid application outside the temperature range of 5°C to 35°C.

Do not apply during rain, inclement weather or when rain is imminent. Although MaxiFine Render can be applied to slightly damp surfaces they must become dry to enable it to fully cure.

Do not apply product to excessively damp surfaces, i.e > 15% moisture or areas of weeping water. Not recommended for areas subject to hydrostatic pressure and rising damp.

Use only full freshly opened bags of material.

## Benefits and Advantages

- Suitable for internal and external applications.
- Does not require any additional bonding admixtures for most substrates. See 'Suitable Surfaces'.
- Pre - blended, ensuring application consistency.
- Easy to apply - promotes better application speed and efficiency.
- Provides smooth, 'classically' fine finish.
- Low shrinkage.

- Suitable for machine mixing and spraying.
- Has excellent weathering properties.
- Water resistant.
- MaxiFine Render is an ideal surface for texture coatings and paint.
- MaxiFine Render is ideal as a finish coat over MaxiCoarse Render.

## Priming and Surface Preparation

Good preparation is essential. Surfaces must be sound, stable, dry, clean and free of dust, loose, flaking, friable material and substances that may diminish adhesion.

The surface must be structurally sound, clean and free of dirt, grease, oil, waxes, loose particles, dust, mould, fungus, contaminants, excessive dampness, seeping water and substances that may impair the adhesion of the product.

Where required cleaning may include acid etching, sand or water blasting. The appropriate method is determinable by the applicator.

## Detailing Preparation

### Mixing Instructions

It is important that these instructions are closely followed:

Add 3.5 to 4 litres of clean water (to suit application consistency) to an empty and clean plastic bucket.

Important: Always use same amount of water to ensure consistency of application and finish.

When a bonding agent is required, add and mix 500ml (500 grams) of MaxiBond in to the abovementioned water. Add 20 kg of MaxiFine Render to the water. (Note: Always add powder to water).

With a mechanical mixture, thoroughly mix until the product is at the desired, homogenous and lump-free consistency.

For best results, let the mixture stand for 5 minutes and then remix prior to application.

If product has begun curing, then do not reconstitute with additional water. It should be discarded.

## Application

Application is similar to standard cement renders.

- Apply using hawk and trowel to achieve a thickness of 2mm to 6mm per single application using a consistent application technique.
- Allow to partially set, screed as required then finish with a PVC, polystyrene or wooden float or sponge to desired finish.
- It is strongly recommended that MaxiFine Render be applied to areas or panels in a single session without stopping to avoid visual joints and edges.
- The product can be applied by spray pump machine.
- Pot life is  $\pm 1\frac{1}{2}$  hours at 23°C and 50%RH.

Do not apply in extreme weather conditions, in extreme heat and below 5°C, in wet and high humidity. The curing of the product and finished coat may be affected by these conditions. Protect the product from rain for 24 hours after application.

### Application Experience

We recommend that the product is applied by person with the appropriate skills and experience for the type of product. The acceptability of the surface is the responsibility of the applicator.

## Coverage

The stated average coverage rate may vary depending upon type, condition, porosity, texture of the surface and application technique.

On average, MaxiFine Render can cover up to 6 sq.m. per bag applied at 2mm thick on a smooth surface.

## Colours

Standard

### Colour Batches

Whilst care is taken to accurately colour match, batch to batch variations may occur for reasons which may be beyond our control.

We strongly advise that project requirements are ordered in a single batch lot to avoid colour matching from batch to batch.

Minimum quantities and tinting charges may apply.

### Contractor Responsibility

It is the responsibility of the contractor or applicator to ensure that the colour is within specification prior to its application. The Company shall not be liable for any colour variations after the product has been applied. Further, the applicator should use product for touch-ups from the same batches used to do the original coats.

## Drying and Curing

Drying and curing of the product is affected by type, dryness and porosity of the surface, temperature, humidity, ventilation, climate conditions and application technique and therefore drying and curing can only be given as a guide.

Generally at 25°C @ 50% RH: Surface dry in about 4 hours. Full cure in 2 to 4 days. In good drying conditions texture coats can be applied after 2 to 3 days. In hot and windy conditions the re-wetting of the surface surface will assist in good curing.

## Storage

Approx. 6 months in unopened bags. Store in cool, dry areas. Protect from excess heat, frost, water and damage.

## Clean Up

Water, if still wet. Shovel cured product into suitable containers and dispose of in accordance with local council regulations.

## Tiling, Topping or Top Coating

Suitable for top coating with wet mix texture coatings and paint.

## Safety & Precautions

When mixing wear a suitable dust mask.

Wear rubber gloves and goggles.

If swallowed give glass of water and seek medical advice. If in eyes, flush thoroughly with clean water holding up eye lid to remove grit under lid. If on skin, remove contaminated clothing and wash skin with soap and water. If inhaled, unlikely after wetting due to its viscous nature, remove person to fresh air and apply artificial respiration if required and seek medical advice. If powder inhaled do likewise.

For full safety data refer to the products Safety Data Sheet. Observe precautions as per label.

Issued: 1 May 2012 | Valid to: 31 May 2021

### Conditions of Use and Disclaimer

The information contained in this Material Data Sheet is given in good faith based upon our current knowledge and does not imply warranty, express or implied. The information is provided and the product is sold on the basis that the product is used for its intended purpose and is used in a proper workmanlike manner in accordance with the instructions of the Product Data Sheet in suitable and safe working conditions. Under no circumstances will the Company be liable for loss, consequential or otherwise, arising from the use of the product.

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