



# Render MaxiCoarse

Polymer enhanced, pre-blended, bag mix, coarse float render.

---

## Description

MaxiCoarse Render is a pre-blended, polymer fortified cement based render mix, formulated to provide a premium quality, **coarse base coat or coarse float** render suitable for single coat application from 4mm to 8mm by trowel.

MaxiCoarse Render is ideal as a superior base coat that can be top coated with MaxiFine Render, wet mix textures or coatings or paint.

MaxiCoarse Render can be used as the final render finish.

MaxiCoarse Render does not require any additional bonding admixtures, dependant on substrate, simply add clean water.

MaxiCoarse Render is formulated for easy application.

---

## Uses

MaxiCoarse Render is suitable for internal and external applications as a coarse, base coat render, applied between 4mm to 8mm, applied over most building substrates.

---

## Suitable Surfaces

Suitable substrates (without Bond) include:

- Concrete
- Cement and cementitious surfaces
- Concrete blocks
- Concrete panels
- Aerated MC blocks
- Bricks

Suitable Substrates (Using Bond)

- Expanded Polystyrene Systems (EPS),
- F C Sheeting and Blue Board
- Smooth Concrete, e.g. tilt up
- Hebel and AAC Blocks

**Unsuitable surfaces** which should NOT be directly coated with MaxiCoarse Render include painted surfaces. Refer 'Limitations'.

---

## 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 for direct application 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. 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 MaxiCoarse 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. Refer 'Suitable Surfaces'.
- Pre - blended, ensuring application consistency.
- Easy to apply - promotes better application speed and efficiency.
- Provides coarse, grainy finish.
- Low shrinkage.
- Suitable for machine mixing and spraying.
- MaxiCoarse Render is an ideal base render for subsequent render finishes such as MaxiFine Render or wet mix textures, coatings or paint.
- MaxiCoarse Render can be used as a final finish render giving a classic coarse finish.

## 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 desired consistency) to an empty and clean plastic bucket.

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

When a bonding agent is required, add and mix 500ml (500 grams) of MaxiBond in to the above mentioned water. Add 20 kg of MaxiCoarse 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 4mm to 8mm per single application using a consistent technique.
- Screed product with a feather edge or H straight edge to required thickness of between 4mm to 8mm.
- Allow to partially set then finish with a polystyrene, PVC, or wooden float or sponge float to desired finish.
- **Important:** It is strongly recommended that MaxiCoarse 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, MaxiCoarse Render can cover up to 4m<sup>2</sup> per bag applied at 4mm 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

Ideal to be finished with MaxiFine Render or wet mix texture coatings and paint.

## Safety & Precautions

When mixing the product a suitable dust mask should be worn.

The wearing of rubber gloves and goggles is recommended.

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.

**DURAM PTY LTD** ABN 50 612 836 718

**The Ultimate in Waterproofing & Protective Coating Technology**

#### Duram Offices:

**NEW SOUTH WALES:** 51 Prince William Drive, Seven Hills, NSW 2147

Tel (02) 9624 4077 Fax: (02) 9624 4079

**QUEENSLAND:** Unit 4, 29 Collinsvale St Rocklea, QLD 4106

Tel (07) 3255 6478 Fax: (07) 3255 6258