

## TC-PD-005 Insul-Mace Brick Effect Render

### Insul-Mace Brick Effect Render

Insuletics Insul-Mace is a cement-based, self-coloured and ready-mixed render, requiring only the addition of water. It is applied in two different coloured coats, the top coat then being cut through to expose the mortar layer, creating a brick effect. Insuletics is BBA & ISO 9001 approved and conforms to BS 5262 Type II.

Insuletics Insul-Mace can be applied over any Insuletics Base Coat. See separate Product Fact Sheet on Insuletics Base Coats, or seek technical advice.

#### COLOUR

50mm samples from an extensive range are provided on request, for colour indication only.

A site sample panel is recommended to ensure that the specifier is satisfied with the render colour and texture.

Insuletics materials are manufactured from natural products, and slight shade variations may occur.

#### APPLICATION

- The working day areas of application will be dictated by the skill of the operatives, weather conditions and architectural requirements.
- Where possible, application on individual wall surfaces should be completed in one operation. Where this is not practical, day work joints to be agreed with the architect.

#### (A) Mortar Layer

Add approximately 4 - 5 litres of clean water to each 25kg sack of material; mix thoroughly for a minimum of 5mins. The mixed materials are then applied to the prepared background, 6 - 8mm thick, using hawk and trowel or projection render machine. Rule off to a flat finish.

Do not over-trowel, polish surface, or apply water during set.

Coverage: 1.8kg per mm thick per sq. metre

Required: 10 - 15kg per sq. metre approximately

#### (B) Face Layer

After the mortar layer has started to stiffen, the face layer is applied. It must not be applied if the mortar layer has been allowed to dry and/or set.

Add approximately 4 - 5 litres clean water to each 25kg sack of material.

Mix thoroughly for a minimum of 5 minutes.

The mix is applied on to the mortar layer following its initial stiffening, using hawk and trowel, or projection render machine.

It is applied to an average thickness of 3-5mm.

It can also be shaded - see (C).

Coverage: 1.8kg per mm thick per sq metre

Required: 5 - 10kg per sq metre approximately.

#### (C) Shading

To achieve the desired shading effect, apply Insul-Mace Brick effect render in powder form, in contrasting or blending shade, to freshly applied face layer using hand dispenser or hopper spray.

Immediately texture the surface -see (D) below.

#### D) Texturing

To achieve a textured surface finish, use the appropriate tool - stiff brush, comb, sponge, spatula or other implement as required, but do not over-trowel, polish surface or apply water during set.

The skill of the operator will determine the finish

### (E) Cutting and Marking Out

After the face layer has been shaded and textured, and following initial stiffening of the applied materials, the face layer is cut through and the mortar layer cut into, using an appropriate cutting tool.

This reproduces recessed mortar coursing of the brickwork or stonework; spirit levels, templates and straight edges should be used for guiding this operation.

Experience will dictate the best time for the operation to take place; too soon and the spirit levels and other guides will mark and spoil the surface, the cutter will rag and tear the material; too late and it becomes difficult and then impossible to cut. At the correct time a clean cut is easily achieved.

### (F) Brushing

Following further stiffening of the materials and using a soft bristled brush, lightly brush and remove any face materials left by the cutting out.

## SITE CONDITIONS

Insuletics renders should only be used when the temperature is between 5<sup>o</sup>c to 35<sup>o</sup>c.

Insuletics renders must not be applied to frozen or thawing supports. If the coating must be applied in adverse weather conditions, it is essential to protect both the working area and finish before and after application.

## CLEANING

All equipment should be cleaned with water after use. Set nibs from the mixer can cause problems. Residue must not enter drainage systems.

## PACKAGING

Insuletics renders are usually packed 40 sacks per tonne, loaded 70 per 1.75 tonne pallet.

All render sacks must be protected on site.

Shelf life is approximately one year in dry conditions in original packaging.

It is important to note that all Insuletics renders are non-returnable.

## GUARANTEE & TECHNICAL ADVICE

If stored and applied in accordance with manufacturer's recommendations, a Product Liability Insurance applies.

A technical advisory service is available on request.

### Company/undertaking identification

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The information contained here is offered in good faith and is based on our current knowledge.

We thereby withhold the right to update and amend this document as necessary.

The information should not be taken as guarantee of specific performance and users should make their own assessment and make all applicable personnel aware accordingly.

The wearing of appropriate safety equipment is strongly recommended as a precaution and the product should only be used in its design application.