Technical Data Sheet

JUBIZOL BRICK RENDER

A polymer enhanced render used to recreate the aesthetic of brickwork and mortar joints.

Characteristics

- For application onto external walls constructed of masonry blockwork, brickwork and concrete as a render only application as well as part of the Jubizol External Wall Insulation system. Appropriate primers may be required depending on the substrate.
- Breathable.
- Suitable for machine and hand application.

Physical and Chemical Characteristics

- Cementitious material – this may be Portland Cement to BS EN 197-1.
- Fine aggregates to BS EN 13139.
- Admixtures to BS EN 934-3. These may be used to improve the properties of the fresh or hardened material. The combination of a water retainer and air entrainer ensures the material performs as a polymer modified material.
- Pigments conform to BS EN 12878
- All materials supplied are dry pre-mixed and only require the addition of clean water.

Preparation

- All substrates should be dry, clean, sound, suitably cured and free from any material that may impair the adhesion of the render.
- JLM basecoat should have a fine comb line texture and should be left to dry before the application of the JUB Brick Render.

Mixing Material

- JUB Brick Render should be mixed with 4-5 litres of clean water using either a suitable spray rendering machine, drill and whisk or tumble mixer for 10-15 minutes. Leave for 2 minutes and then re-whisk.
- For machine application, set the water to approx. 300-400 litres and adjust to gain the right consistency.
- Where possible always use bags from the same batch.

Application

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- Onto dry JUB JLM Base Coat, apply a single coat of the JUB Brick Render (Brick mortar colour) to a uniformed thickness of 4-6mm and level out.

- For render only application to masonry apply the Brick Render Mortar coat to a minimum thickness of 10mm. Primers may be required prior to this application, please speak to the JUB Technical Department for more information.
- Allow the Brick Render Mortar basecoat to pick up until it is in a 'Green' condition, set but not completely cured, this will be longer for render only application 1-2 days.
- Apply the Brick Render Topcoat to a thickness of approximately 6mm and allow to set for 3-8 hours, weather dependent.
- Before cutting the mortar joints ensure that the whole surface is rubbed over with a DRY sponge / sponge float Failure to undertake this correctly will leave light patches on the surface.
- If the setting time is not perfect then unwanted imperfections may result in the finish. Applicator experience and climatic conditions will determine the timeline for the cutting process. Do not allow to cure too much as this will inhibit the cutting process.
- The horizontal joints should be accurately measured out first and cut accordingly. Then the vertical joints should be measured and cut. Always set out prior to cutting the material and allow for window and door openings.
- Suitable cutting, measuring and template tools should be used.
- Once the material has been allowed to cure further then remove any residual debris with the use of a dry soft bristle brush.
- Do not add any water to the surface when curing.

Good Practice

- Protect the façade from unfavourable weather
- Do not apply in rain / mist or fog or where these weather conditions are forecast within 24 hours.
- Do not apply where the air temperature is 5˚c and falling or above 30˚c or if the wall is affected by frost.
- Where possible do not apply in direct hot sunlight.

Coverage

Application Thickness	Coverage per 25kg bag
3mm applied	5m² per bag – no allowance for wastage
5mm applied	4m² per bag – no allowance for wastage
6mm applied	3.3m² per bag – no allowance for wastage

Storage

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- If stored unopened, off the ground in a dry place above 5˚c the product will have a shelf life of 12 months from the date of manufacture.

Health and Safety Information

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Main Hazards

- Contact with wet cement mixes or lime mortars can cause skin disease.

Irritant contact dermatitis is caused by the combination of the wetness, alkalinity and abrasiveness of the cement / lime mixture.
Allergic contact dermatitis is mainly caused by individual sensitivity to chromium compounds which may occur in cement / lime.
Cement / lime burns, a form of skin ulceration, may result from contact with freshly mixed material.

Precautions

- Direct skin contact should be avoided. It is also important not to sit or kneel on material in its fresh or plastic state as harmful contact can occur through saturated clothing.

Protective Clothing

- Protective clothing should be worn, particularly on: Arms, Hands and Legs. Impervious footwear should be worn to protect the feet. Barrier cream can be applied to the face to provide protection.

Transportation and waste disposal

- Render is not subject to hazardous substance conveyance regulations and vehicle labelling is not required. In the event of spillage entry into water courses should be avoided.

Emergency Action

- Where skin contact occurs, either directly or through unsaturated clothing, render must be washed off without delay. Where eye contact occurs, the area must be immediately and thoroughly irrigated with water. In all cases of doubt, or where symptoms persist, medical advice should be obtained.

PLEASE ENSURE THAT THIS GUIDELINE AND WARNING IS BROUGHT TO THE ATTENTION OF ALL PERSONS HANDLING WET MORTAR, RENDER AND SCREED.

MAY CAUSE ALLERGIC SKIN REACTION.