



## APPLICATION INSTRUCTIONS - KEIM UNIVERSAL RENDER

KEIM Universal Render is a pre-bagged mineral render for interior and exterior applications between 8mm and 20mm.

### BEFORE PROCEEDING

- Ensure air and surface temperatures are between 5-30°C.
- Ensure surface moisture content to a depth of 5mm is below 18%.
- Do not apply when there is a likelihood of rainfall within 12 hours.

### SURFACE PREPARATION

- Remove unstable material back to a sound edge with a stiff brush or scraper. All remaining material must be sound and adhering well.
- Sand gloss or shiny surfaces to create a key.
- Remove organic growth using a stiff brush. Apply KEIM Algicide where required.
- Wash all surfaces with clean cold water to remove dust and dirt.

### MATERIAL PREPARATION

Mix 1kg KEIM Universal Render with 240ml clean cold water (approximately 6lt per 25kg bag) using a mechanical stirrer or plaster mixing machine/sprayer, e.g. Putzmeister or similar.

### MATERIAL APPLICATION

1. Pre-wet surfaces and build up in layers between 4mm and 10mm. **Do not scratch up and allow a minimum of 12 hours between layers.**
2. Incorporate KEIM Glassfibre Reinforcing Mesh by pressing into newly applied render. **Allow a minimum of 12 hours before proceeding.**
3. Apply a final 4mm coat of KEIM Universal Render and finish using KEIM Hydro Sponge Float or similar. **Allow a minimum of 15 days before the application of KEIM Mineral Paints.**

### BUILDING UP LAYERS

Overall required thickness	Initial layer	Subsequent layer	Finishing layer
8mm	4mm + KEIM Glassfibre Reinforcing Mesh	N/A	4mm
10mm	6mm + KEIM Glassfibre Reinforcing Mesh	N/A	4mm
12mm	8mm + KEIM Glassfibre Reinforcing Mesh	N/A	4mm
14mm	10mm + KEIM Glassfibre Reinforcing Mesh	N/A	4mm
16mm	6mm	6mm + KEIM Glassfibre Reinforcing Mesh	4mm
18mm	7mm	7mm + KEIM Glassfibre Reinforcing Mesh	4mm
20mm	8mm	8mm + KEIM Glassfibre Reinforcing Mesh	4mm

For more information visit: [www.keim.com/en-gb/literature](http://www.keim.com/en-gb/literature)