

UNIVERSAL BUILDING RENDER

Pre-mixed Sand, Lime & Cement Render

Technical Data Sheet



LEVELMASTER RANGE

CLASS EN998-1

Description:

A pre-mixed render based on sand, lime, cement and additives. A moderate strength render for moderate strength backgrounds and moderate exposure conditions.

Benefits:

- ◆ *Weather resistant.*
- ◆ *Allows walls to breathe.*
- ◆ *Resists penetrating damp.*
- ◆ *Will not chip, flake or peel.*
- ◆ *Can be hosed down.*
- ◆ *Tough and flexible.*
- ◆ *Excellent adhesion.*

Uses

As a base coat render; it is applied in one coat, avoiding the drying time associated with multi-coat render systems. It can be used internally and externally. **UNIVERSAL BUILDING RENDER** resists the penetration of external water and has excellent weather resistance and durability, whilst also allowing the structure to breathe. **UNIVERSAL BUILDING RENDER** can be applied to most substrates including suitably prepared brickwork and concrete.

Preparation

It is important that the correct grade of render is chosen to suit the substrate and application. Please refer to EN13914-1 design, preparation and application of external rendering. All surfaces must be clean, dry and free from any material which may impair adhesion.

Poorly keyed surfaces should be pre-treated with a suitable primer. Faults in the structure must be rectified before rendering. Mask around the areas where material is to be applied. This must be removed before the material has dried out. Note: In many cases rendering applied to expanded metal lathing is more prone to cracking than when applied to dense masonry. To reduce this risk, lathing must be fixed strictly in accordance with the manufacturer's recommendations and relevant codes of practice. Expansion joints should be included as required.

Mixing

A 25Kg bag of **UNIVERSAL BUILDING RENDER** should be mixed with 4-5L of clean water using a mechanical stirrer. Best results are obtained using as little water as possible. The product may stiffen on standing. Do not add more water; simply re-mix to regain a workable consistency.

Application

Use a hawk and trowel to apply **UNIVERSAL BUILDING RENDER** in a single operation. On low suction backgrounds a first pass may be necessary prior to building up the full thickness in the second pass. For external render applications we recommend approximately 16mm thickness for sheltered to moderate exposure or 20mm for severe exposure.

For internal render applications we recommend approximately 8 – 19mm thickness. Thickness should not exceed 25mm. Rule, level and fill as you go. Allow the product to 'pick up' for approximately 30-60 minutes depending on weather and background suction. Using a plastic or wood float, rub up in the traditional way to achieve a flat plain finish. Other appropriate finishes may be achieved by suitable means. Cure for 2-3 days before over coating. During rapid drying conditions such as hot climates, curing with a fine spray of clean water may be necessary. Protect from unfavourable weather conditions during application and early curing. To avoid dampness and discolouration of finishes, rendering should be avoided below DPC or within 150mm of ground level.

Cleaning

All tools and equipment should be cleaned in water. Cured material can only be removed by mechanical means.

Limitations

Do not apply in damp, wet conditions or if frost is forecast within 24 hours. Application temperature: +5°C to +30°C. Do not apply on elevations in direct sunlight or where the substrate is hot. Bond It **UNIVERSAL BUILDING RENDER** is not suitable for use over gypsum plaster or surfaces that have been previously decorated.

Coverage

When applied at 16mm thickness, coverage is approximately 35m² per tonne or 1m² per 25Kg sack. For each mm of thickness you will require 1.8Kg/m².

Container Size

25Kg paper sack.

Colour

Grey powder.

Shelf Life

This product must be used within 12 months of date of manufacture, before the date shown on the bag.

Storage Conditions

This product must be stored in unopened manufacturer's bag away from extremes of temperature and in dry conditions.

Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a central disposal point in accordance with local regulations.

Health & Safety

Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.

Specification Summary

Appearance	Grey powder
Application Temperature	+5°C to +30°C
Bed Thickness	8mm - 20mm
Overcoat	2-3 days
UFI	FV00-X0KJ-V00M-0M60

Product / Order Details:

Code	Colour	Size	Barcode
BDER25	Grey	25Kg	5056437400345



Part of the Bond It LevelMaster Range



The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.





Certificate Number:
6152
ISO 9001; ISO 14001;
ISO 45001



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BOND IT G16 River Bank Way, Elland. HX5 9DN. UK	
EN998-1: 2010 One coat rendering mortar for external use (OC).	
Reaction to Fire	Class A1
Water Absorption	NPD
Water Vapour Permeability	NPD
Durability: Adhesion after weathering cycles	$\geq 0.2N/mm^2(B)$
Durability: Water permeability after weathering cycles	NPD