

# GENERAL PURPOSE RENDERS

## PRODUCT DATASHEET

SEPTEMBER 2018 | EUROMIX DRY MORTAR SYSTEM | VERSION 1



## 1. Identification

### 1.1 Introduction

EuroMix General Purpose Renders are factory produced renders consisting of dried sands, cement and other additives.

### 1.2 Authority

EuroMix General Purpose Renders are manufactured under a registered ISO 9001 Quality System.

Materials used comply with the following standards:

Sand	BS EN 13139
Cement	BS EN 197-1
Lime	BS EN 459-1
Admixtures	BS EN 934-3
Pigments	BS EN 12878

Admixtures do not contain calcium chlorides. Water added on site should be clean and free from impurities. EuroMix General Purpose Renders should be used in accordance with BS EN 13914.

## 2. Description

### 2.1 Manufacture

All raw materials and end products are subject to regular quality control procedures and testing.

Dried sand and other materials are weighed and mixed under computer control with rigorous quality control procedures.

### 2.2 Render Strength Classes

EuroMix General Purpose Renders comply with BS EN 998-1 as set out in the table below.

Properties	Categories	Values
Range of compressive strength at 28 days	CS I	0.4 to 2.5 N/mm <sup>2</sup>
	CS II	1.5 to 5.0 N/mm <sup>2</sup>
	CS III	3.5 to 7.5 N/mm <sup>2</sup>
	CS IV	≥6 N/mm <sup>2</sup>

Render Mix Designation	Nominal Cement: Sand by Volume	Nominal Cement: Lime: Sand
(i)	1:3	1:¼:3
(ii)	1:3/4	1:½:4/4½
(iii)	1:5/6	1:1:5/6
(iv)	1:7/8	1:2:8/9

## 3. Performance

EuroMix General Purpose Renders have been formulated to achieve excellent workability, water retention and consistent rate of hardening.

The hardened render should have adequate bond, compressive strength and durability.

## 4. Silo

EuroMix General Purpose Renders are delivered to site in a Silo complete with all necessary mixing equipment.

After connecting power and water supplies, the system is ready for use. Once the water flow rate is adjusted to give render of the required workability, it is simply a question of push-button operation to produce consistently high quality render whenever it is needed.

The Silo Mixing Station will discharge the render directly into a tub.

This equipment can be used by any site operative once they have been given basic instruction and issued a Trained Operators Card by a EuroMix Service Technician.

## 5. Bags

EuroMix General Purpose Renders are also available in 25Kg and bulk bags.

### 5.1 Mixing Instructions

Place the product into a traditional concrete mixer. Start the mixer and add approximately 4 to 5 litres of clean water per 25Kg of dry product.

Mix continuously for 3 to 4 minutes until the required workability and consistency is achieved.

Over mixing will be detrimental to strength and durability of the render.

Do not add any additional materials. All components required are within the mix.

Do not re-temper or add further water after initial set.

### 5.2 General Information

EuroMix General Purpose Renders are suitable for use as backing and finishing coat in external rendering and internal plastering. They are available in any strength category or traditional mix type for hand or spray application.

## 6. Prices and Conditions of Sale

Our local sales representative will be pleased to provide quotations for specific projects. All quotations are subject to our Conditions of Sale, a copy of which is available on request.

## 7. Health & Safety

For health and safety information – see Material Safety Datasheet.

## 8. Technical Services

### 8.1 Render Testing

Where site testing of render is required, strict adherence to recommended testing procedures is essential. Contact EuroMix for further advice or assistance.



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