



# QUICKRENDER-S1 (387-S1)

MALAYSIA

Revision 1, February 2020

## PRODUCT DATA SHEET

Plaster / Render Series

### GENERAL DESCRIPTION

**QuickMix® QuickRender-S1 (387-S1)** is high quality versatile pre-mixed mortar, that is specially designed for bricklaying and plastering use. It can also be used for patching, rendering and surface improvement works on cement rendered surface. It is a superior substitution to traditional wet trades (i.e. job-site mix cement-sand mortars), particularly beneficial for construction trend that embrace Industrialized Building System (IBS) as a method of attaining better construction quality and productivity. IT SHOULD NOT BE USED ON PAINTED SURFACES.



### TYPICAL USES

- Versatile mortar for both bricklaying and brick wall plastering use, with superior shrinkage cracks control.
- Patching, rendering and surface improvement works on cement rendered surface, with very coarse texture preference.
- Suitable to be used for internal and external application.
- For interior wall, the surface can be further smoothed with Skim Coat (Base Coat) - **QuickMix® Base Grey (380)** and Skim Coat (Top Coat) - **QuickMix® QuickSkim (388)**.
- For exterior wall, the surface can be further smoothed with hydrophobic and flexible Skim Coat (Top Coat) – **QuickMix® QuickCoat+ (389)**.

### ADVANTAGES

- Pre-mixed to ensure good and consistent quality.
- Pre-packed for convenience in handling and transportation.
- High versatility and simplicity, alleviating heavy dependency on manual labour.
- Complement IBS trend of attaining better construction quality and productivity.
- High adhesion with superior shrinkage cracks.
- High durability and good weather resistance.
- Ease to mix and apply.

### PRODUCT INFORMATION

Appearance	Grey
Binder	Ordinary Portland cement
Filler	Graded silica sands and Calcium Carbonate powder
Auxiliaries	Additives to enhance workability, water retention, adhesion
Coverage	Bricklaying : Approx. 70 – 85 brick units or 1.2 – 1.5m <sup>2</sup> wall per bag (at 10mm thick)* Plastering : Approx. 1.0 – 1.2m <sup>2</sup> per bag (at 20mm thick)
Packaging	40 kg bag
Shelf Life	6 months from date of manufacture

\*Based on 100mm x 215mm x 65mm brick units

### LAFARGE DRYMIX SDN BHD (114938-T)

Level 13, Menara YTL, 205, Jalan Bukit Bintang, 55100 Kuala Lumpur, Malaysia.

Tel : +603-2038 0800

Website: www.ytlcement.com

This literature supersedes all previous issues. Please ensure you have the latest document for this product.





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### TECHNICAL INFORMATION

MS 2506-1 : 2012 - TYPE GP		
Water Powder Ratio	0.14 – 0.16	
Wet Density	1850 – 1950 kg/m <sup>3</sup>	
Dry Density	1700 – 1800 kg/m <sup>3</sup>	
Stiffening Rate (BS EN 1015-9 : Method A) - 1 N/mm <sup>2</sup> - 2 N/mm <sup>2</sup>	240 – 360 minutes Not more than 500 minutes	
Water Retentivity (BS 4551)	≥ 95%	
Air Content (BS EN 1015-7)	15 – 22%	
28 Days Tensile Adhesion (BS EN 1015-12) Compressive Strength (BS EN 1015-11)	≥ 0.5 N/mm <sup>2</sup> ≥ 6.0 N/mm <sup>2</sup>	
Applicable Thickness	Bricklaying : 10-15mm	Plastering : 20 - 25mm
Recommended Thickness	Bricklaying : 10mm	Plastering : 10 – 12mm / layer

Note: The values given are average figures achieved in laboratories conditions at 20°C.

### APPLICATION GUIDE

#### SURFACE PREPARATION

- All surfaces must be clean, free from dust, oil and any trace of foreign materials that may affect bonding.
- All substrate defects should be patched up before plastering.
- For dry or high absorbing substrates, moisten the surface with water prior to application.
- Substrate with little or no absorbency such as concrete wall should be treated with “unbroken key or spatterdash coat” to control and even out the absorbency of the background.
- Ensure the surface had absorbed the free water before applying **QuickMix® QuickRender-S1 (387-S1)**.

#### MIXING

- Mix one bag (40 kg) of **QuickMix® QuickRender-S1 (387-S1)** with approximately 6 liters of clean water.
- Mix thoroughly with an electrical mixer for 3-5 minutes until the desired homogeneous paste is achieved.
- Ensure the mix is free from lumps before use.
- Remix for 1 minute if the mixed paste is left unused for more than 30 minutes.

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### APPLICATION

#### (A) BRICKLAYING

- **QuickMix® QuickRender-S1 (387-S1)** is applied onto the base with a steel brick trowel.

#### (B) PLASTERING / RENDERING

- **QuickMix® QuickRender-S1 (387-S1)** is applied onto the surface with a steel brick trowel.
- If application requires a few layers, the underneath layers must be dry before applying the subsequent layers.
- Hardened **QuickMix® QuickRender-S1 (387-S1)** surface can be further smoothed with Skim Coat (Base Coat) – **QuickMix® Base Grey (380)** and Skim Coat (Top Coat) – **QuickMix® QuickSkim (388)** at interior; or hydrophobic and flexible Skim Coat (Top Coat) – **QuickMix® QuickCoat+ (389)** at exterior.

### PACKAGING

- **QuickMix® QuickRender-S1 (387-S1)** is packed in 40kg bags.

### STORAGE & SHELF LIFE

- **QuickMix® QuickRender-S1 (387-S1)** in its original packing, when stored in a sheltered dry place that is free from excessive moisture, shall have a shelf life of 6 months from its date of manufacture. Customers is encouraged to use the product promptly to avoid possibility of storage related contamination.

### HEALTH & SAFETY

**QuickMix® QuickRender-S1 (387-S1)** is non-hazardous. However, Lafarge Drymix recommends that appropriate safety equipment to be worn by workers when handling this product, including dust masks, rubber gloves, full eye protection and boots where necessary. In case of contact with eyes, wash with plenty of water. If irritation persists, seek immediate medical attention. For further information, refer to the Safety Data Sheet.

### CERTIFICATIONS



SIRIM

CERTIFIED TO ISO 9001: 2015  
CERT. NO. : QMS 02960



SIRIM

CERTIFIED TO ISO 14001: 2015  
CERT. NO. : EMS 00906

*Disclaimer: The information contained herein together with the suggestions for use and application is, to the best of our knowledge based on laboratory tests and practical experience, accurate and reliable as of the time of publication. As we are unable to anticipate and control many conditions under which our products may be used, no responsibility can be accepted by us for any loss or damaged caused by the person acting or refraining from action as a results of this information. It is the user's responsibility to satisfy himself / herself as to the suitability of information provided here for their intended use. We reserve the right to alter the given data without prior notice.*

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