



# QUICKRENDER (387)

MALAYSIA

Revision 1, February 2020

## PRODUCT DATA SHEET

Plaster / Render Series

### GENERAL DESCRIPTION

**QuickMix® QuickRender (387)** is specially designed to be used as the undercoat for all types of block walls and reinforced concrete walls. It can also be used for patching, rendering and surface improvement works on cement rendered surface. Because of its water retention and good adhesion properties, 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



**NOTE:** For **QuickMix® QuickRender (387)** intended usage on bricklaying or plastering works, kindly contact and consult **QuickMix®** technical representative for further information.

### TYPICAL USES

- Plastering / Rendering mortar for block walls and reinforced concrete walls, with high adhesion and excellent shrinkage cracks control.
- Patching, rendering and surface improvement works on cement rendered surface, with 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, complement IBS method of attaining better construction quality and productivity.
- Easy to mix and apply, alleviating heavy dependency on manual labour.
- High adhesion and excellent shrinkage cracks control.
- High durability and good weather resistance.

### PRODUCT INFORMATION

Appearance	Grey
Binder	Ordinary Portland cement
Filler	Graded silica sands and Calcium Carbonate powder
Auxiliaries	Additives to enhance workability, water retention, high adhesion
Coverage	Approx. 2.0 – 2.4m <sup>2</sup> per 40 kg bag (at 10mm thick) Approx. 1.25 – 1.5m <sup>2</sup> per 25 kg bag (at 10mm thick)
Packaging	40 kg bag / 25 kg bag
Shelf Life	6 months from date of manufacture

**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](http://www.ytlcement.com)



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### TECHNICAL INFORMATION

MS 2506-1 : 2012 - TYPE GP	
Water Powder Ratio	0.20 – 0.22
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%
<u>28 Days</u> 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	15mm and above
Recommended Thickness	Maximum 10mm/ 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.
- Avoid stagnant or frequent water flow on substrate prior to the plastering application to prevent poor adhesion of plaster on wet substrate.

#### MIXING

- Mix one bag (40 kg) of **QuickMix® QuickRender (387)** with approximately 8 liters of clean water; OR
- Mix one bag (25kg) of **QuickMix® QuickRender (387)** with approximately 5 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

- **QuickMix® QuickRender (387)** is applied onto the surface with a steel trowel.
- If application requires a few layers, the underneath layers must be dry before applying the subsequent layers.
- Hardened **QuickMix® QuickRender (387)** 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 (387)** is packed into two sizes, 40kg bags and 25kg bags.

### STORAGE & SHELF LIFE

- **QuickMix® QuickRender (387)** 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 (387)** 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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