



# FLOOR SCREED (383)

MALAYSIA

Revision 1, February 2020

## PRODUCT DATA SHEET

Floor Series

### GENERAL DESCRIPTION

**QuickMix® Floor Screed (383)** is a high quality cementitious prepacked floor screed, specially formulated for casting onto new or old concrete floor. It is easy to use by simply adding water to give an excellent mix. 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.



### TYPICAL USES

- Leveling screed or backing screed for rough and uneven concrete floor, with excellent shrinkage cracks control.
- Suitable to be used at interior i.e living room, bedroom, kitchen, bathroom, etc.
- Suitable to be used at exterior i.e. roof, balcony, yard, car porch, etc.
- The cured **QuickMix® Floor Screed (383)** is suitable to receive various type of tiles (i.e. ceramic, homogeneous, porcelain).

### ADVANTAGES

- Pre-mixed to ensure good and consistent quality.
- Pre-packed for convenience in handling and transportation.
- Easy to mix and apply with good flowability, alleviating heavy dependency on manual labour.
- Complement IBS construction trend of attaining better construction quality and productivity.
- High compressive strength  $\geq 25$  N/mm<sup>2</sup> with excellent shrinkage cracks control.
- High durability and good weather resistance.

### PRODUCT INFORMATION

|             |                                                                              |
|-------------|------------------------------------------------------------------------------|
| Appearance  | Grey                                                                         |
| Binder      | Ordinary Portland cement                                                     |
| Filler      | Graded silica sands                                                          |
| Auxiliaries | Additives to enhance flowability, water retention, high compressive strength |
| Coverage    | Approx. 0.8 – 1.0m <sup>2</sup> per bag (at 25mm thick)                      |
| Packaging   | 40 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

|                                                                                             |                                                  |
|---------------------------------------------------------------------------------------------|--------------------------------------------------|
| Water Powder Ratio                                                                          | 0.12 – 0.14                                      |
| Wet Density                                                                                 | 2200 – 2300 kg/m <sup>3</sup>                    |
| Dry Density                                                                                 | 2000 – 2100 kg/m <sup>3</sup>                    |
| Stiffening Rate (BS EN 1015-9 : Method A)<br>- 1 N/mm <sup>2</sup><br>- 2 N/mm <sup>2</sup> | ≤ 360 minutes<br>≤ 420 minutes                   |
| Water Retentivity (BS 4551)                                                                 | > 90%                                            |
| Flow (ASTM C1437)                                                                           | 80 – 120%                                        |
| Compressive Strength (BS EN 1015-11)<br>- 7 Days<br>- 28 Days                               | ≥ 15 N/mm <sup>2</sup><br>≥ 25 N/mm <sup>2</sup> |
| Flexural Strength (BS EN 1015-11)<br>- 7 Days<br>- 28 Days                                  | ≥ 1 N/mm <sup>2</sup><br>≥ 2 N/mm <sup>2</sup>   |
| Applicable Thickness                                                                        | 25 - 50mm                                        |
| Recommended Thickness                                                                       | 10 – 40mm/ 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.
- Dry and porous substrates should be dampened before apply **QuickMix® Floor Screed (383)**.

#### MIXING

- Mix one bag (40 kg) of **QuickMix® Floor Screed (383)** 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.

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- Ensure the floor substrate is damp and clean without any ponding water.
- Apply **QuickMix® Floor Screed (383)** onto the damp substrate using wooden float or steel trowel while the mix is still workable. It can be applied at a recommended thickness of 10-40mm.
- **QuickMix® Floor Screed (383)** should be cured for at least 24 hours prior to any tiling works.

### PACKAGING

- **QuickMix® Floor Screed (383)** is packed in 40kg bags.

### STORAGE & SHELF LIFE

- **QuickMix® Floor Screed (383)** 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 are encouraged to use the product promptly to avoid possibility of storage related contamination.

### HEALTH & SAFETY

**QuickMix® Floor Screed (383)** is non-hazardous. However, Lafarge Drymix recommends that appropriate safety equipment 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 damage caused by the person acting or refraining from action as a result 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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