



QUICKPLAST (399 / 397)

MALAYSIA

Revision 1, February 2020

PRODUCT DATA SHEET

Plaster / Render Series

GENERAL DESCRIPTION

QuickMix® QuickPlast (399) / QuickPlast (397) is a high performance plastering cement with good physical and mechanical strength properties, that complied to MS EN 413-1 : Class MC12.5. It is specially designed for brickwalls and block walls plastering use. Its water retention properties prevents premature loss of water and ensures sufficient moisture is retained for complete cement hydration process. The coalescing effect ensures it has effective internal cohesion and substrate adhesion, thus promoting easy spread with anti-sag properties.



QuickMix® QuickPlast (399) / QuickPlast (397) is a durable plaster that is suitable for both internal and external rendering. IT SHOULD NOT BE USE ON PAINTED SURFACES.

TYPICAL USES

- Plastering cement for brick walls and block walls, with improved surface cracks control.
- Suitable to be used for internal and exterior 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

- Premixed with additives to ensure good consistent quality.
- Palletized for easy handling.
- Good workability.
- Improved adhesion and minimize wet stage tensile displacement and surface cracks.
- Good durability and weather resistance.

PRODUCT INFORMATION

Appearance	Grey
Binder	Ordinary Portland cement
Auxiliaries	Additives to enhance workability, water retention, adhesion
Packaging	40 kg bag / 30 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

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





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TECHNICAL INFORMATION

MS EN 143-1 : 2012 - CLASS MC 12.5	
Fineness (Sieve Residue) (BS EN 196-6)	Not more than 15%
Setting Time (MS EN 196-3) - Initial Set - Final Set	≥ 60 minutes ≤ 360 minutes
Soundness (MS EN 196-3)	Not more than 10mm
Fresh Mortar Requirement (MS EN 413-2) - Air Content, by volume - Water Retention, by mass	8% - 22% ≥ 80%
Chemical Requirements (MS EN 196-2) - Sulfate content (SO ₃), % w/w - Chloride content, % w/w	≤ 3.0% ≤ 0.10%
Compressive Strength (MS EN 196-1) - 7 Days - 28 Days	≥ 7.0 MPa 12.5 MPa – 32.5 MPa
Tensile Adhesion, 28 days (BS EN 1015-12)	≥ 0.5 N/mm ²
Cement to Sand Ratio , by volume	1 : 4
Applicable Thickness	20 - 25mm
Recommended Thickness	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.
- For dry or high absorbing substrates such as brick wall and block wall, moisten the surfaces with water prior to application.
- Ensure the surface had absorbed the free water before applying **QuickMix® QuickPlast (399) / QuickPlast (397)**.
- 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.

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MIXING

- Mix 1 PART of **QuickMix® QuickPlast (399) / QuickPlast (397)** with 4 PARTS of graded sand (by volume).
- Mix thoroughly with clean water in a drum mixer for 10 minutes until the desired homogeneous mortar is achieved.
- Prolong mixing of mortar is not recommended.

APPLICATION

- **QuickMix® QuickPlast (399) / QuickPlast (397)** 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.

PACKAGING

- **QuickMix® QuickPlast (399)** is packed in 40kg bags; **QuickMix® QuickPlast (397)** is packed in 30kg bags.

STORAGE & SHELF LIFE

- **QuickMix® QuickPlast (399) / QuickPlast (397)** 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® QuickPlast (399) / QuickPlast (397) 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



SIRIM

CERTIFIED TO MS EN 413-1: 2012
CERT. NO. : 045443

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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