



READYFIX (360)

MALAYSIA

Revision 1, February 2020

PRODUCT DATA SHEET

Adhesive Series

GENERAL DESCRIPTION

QuickMix® ReadyFix (360) is a modified cementitious adhesive for installation of ceramic tiles on walls and floors. It is suitable for internal applications over concrete, plastered or rendered surfaces. Because of its water resistant property, it can be used in toilet, kitchen and wet areas. However, it is not suitable to be used for immersed or swimming pool application.



TYPICAL USES

- Standard adhesive that provide prepacked advantages over conventional cement-sand site-mix mortar.
- Small ceramic tiles in size for internal wall and floor tiling use.
- Plastered or rendered surfaces on concrete wall, brick wall and block wall.
- Screeded surfaces on concrete floor slab.

ADVANTAGES

- Single-component, premixed to ensure good and consistent quality.
- Prepacked for convenience in handling, mixing and application.
- Formulated to provide good bonding strength, suit especially for standard porous tiles.

PRODUCT INFORMATION

Appearance	Grey
Binder	Ordinary Portland cement
Filler	Graded silica sands and Calcium Carbonate powder
Auxiliaries	Additives and flexible polymer powder
Coverage	Approx. 6.0 m ² per 25 kg bag (For tile size 300mm x 300mm at 2.5 mm thick) Approx. 4.8 m ² per 20 kg bag (For tile size 300mm x 300mm at 2.5 mm thick)
Packaging	25 kg bag / 20 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

Water Powder Ratio	0.23 – 0.25
Wet Density	1700 – 1800 kg/m ³
Dry Density	1600 – 1700 kg/m ³
Initial Tensile Adhesion Strength – 28 days (EN 1348)	≥ 0.5 N/mm ²
Adjustability Time	Up to 20 minutes
Pot Life	Approx. 2 hours
Applicable Thickness	2.5 – 10mm

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

APPLICATION GUIDE

SURFACE PREPARATION

- All surfaces must be structurally sound, clean, free from dust, oil and any trace of foreign materials that may be affect bonding.
- Brick, block and concrete walls / floors must be allowed to cure for a minimum of 4 weeks prior to tiling.
- Cement render and screed must be allowed to cure for at least 7 days and finished to semi-smooth finish with a wood float. After curing, a thorough check on the soundness in adhesion of the screed and render should be carried out. Cracks should also be properly rectified.
- Painted surface must be roughened with a wire brush and flaking paint removed, to expose a clean and sound background suitable for direct fixing.
- The trueness of the background surface required for adhesive beds should be such that, when checked with a 2m straightedge, any gap under the straightedge between points of contact does not exceed 3mm. When the gap exceeds 3mm, local correction of the background by dubbing out up to 6mm thick using the same adhesive can be done.

MIXING

- Mix one bag (25kg) of **QuickMix® ReadyFix (360)** with approximately 6.0 litres of clean water; OR
Mix one bag (20kg) of **QuickMix® ReadyFix (360)** with approximately 4.8 litres of clean water.
- Mix thoroughly with an electrical mixer for 3-5 minutes until the desired homogeneous mortar is achieved.
- Allow the mixture to stand for 3-5 minutes and thoroughly re-mix before using.

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APPLICATION

- **QuickMix® ReadyFix (360)** is applied to the prepared surface with a trowel and then combed through with a suitably sized notched trowel onto the surface. As a general guideline, use 6mm x 6mm notch trowel for wall tiling and 10mm x 10mm notch trowel for floor tiling.
- Do not spot fix or soak the tiles. Clean back of the tile with a damp cloth if it dusty.
- Only spread enough adhesive so that the tiles can be fixed within the open time. Care should be taken to spread adhesive that can be completed before the surface of adhesive begins to form a skin. After spreading the adhesive, press the tile firmly into the tile faces with a damp sponge before the adhesive sets.
- As fixing proceeds, a tile should be removed occasionally to check that the maximum possible contact is being maintained with the adhesive.
- Tiles with high ribs, lugs, grooves or uneven back must be buttered flat or covered with 1-2mm of adhesive before placing the tiles on the combed adhesive bed on the substrate so that the voids are filled.

CURING AND PROTECTION

- Tiles installed with **QuickMix® ReadyFix (360)** must not be subject with running water or rain for at least 24 hours.
- Grouting can be carried out with **QuickMix® Tile Grout** 24 hours after completion of tiling.
- Light pedestrian traffic is allowed 4 days after completion of tiling and grouting.
- Heavy pedestrian traffic is only permitted 14 days after completion.
- Impact vibration and hammering on adjacent and / or backside of walls are prohibited for as long as proper curing of materials requires.
- At all times, the floor and wall tiles should be kept clean and free from all materials likely to cause stains, e.g. oils, grease, paint.
- Appropriate types of sheets, boards should be laid loosely over the floor for protection.
- Access to the completed works should be restricted during the curing periods.

PRODUCT LIMITATIONS

- Do not use **QuickMix® ReadyFix (360)**:
 - Over wood, timber, metal, steel and gypsum surface.
 - On concrete slabs subject to strong shrinkage and other movement.
 - With large-format size tiles
 - On area subject to hydrostatic pressure i.e. swimming pool area.
 - For installation of tiles that require an adhesive thickness greater than 5mm.
 - On surface which need to be set to light foot traffic rapidly.

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PACKAGING

- **QuickMix® ReadyFix (360)** is packed into two sizes, 25kg bags and 20kg bags.

STORAGE & SHELF LIFE

- **QuickMix® ReadyFix (360)** 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® ReadyFix (360) 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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