



Globally Proven
Construction Solutions

211 Crete Filler Powder

211 Crete Filler Powder is a factory prepared blend of high grade Portland cement and graded aggregates. It is designed to be mixed with LATICRETE 4237 Thin Set Mortar Additive to produce a high strength adhesive that meets and exceeds the requirements of national and international standards.



FEATURES/BENEFITS

- Premixed
- Safe - non-flammable
- Economical
- High Strength Formula
- Versatile - Applicable to wet and dry areas
- Excellent for use in swimming pools, fountains, and water features.

USES

For the installation of ceramic tile and stone over cement and masonry type surfaces.

- Interior and exterior
- Wet and dry areas, walls, floors, and ceilings
- New and remodel construction, residential or commercial applications.

MANUFACTURED/ DISTRIBUTED BY

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STANDARDS/CERTIFICATIONS

- BS EN 1348
- BS EN 1346
- BS EN 1308
- BS EN 12002
- ANSI 118.4, American Standard Specification for Modified Dry-Set Cement Mortar



This product has been certified green under the UL GREENGUARD Certification Program and Singapore Green Building Council.

Suitable Substrates

- Concrete
- Ceramic Tile & Stone
- Concrete Masonry
- Brick Masonry
- Cement Mortar Beds
- Drywall Boards
- Cement Backer Board
- Cement Plaster
- Cement Terrazzo

Packaging

23 kg/bag, 80 bags per pallet

Color

Grey and White

Approximate Coverage

23kg bag of 211 Crete Filler Powder with 6.5ℓ- 7.1ℓ of LATICRETE 4237 Thin-set Mortar Additive will yield a coverage of 7.4 - 8.8 m² using a 6 mm x 6 mm square notch trowel.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year* if stored off the ground in a dry area, at temperatures >0°C and <40°C.

*High humidity will reduce the shelf life of bagged product.

Limitations

- Use LATAPOXY® 300 Adhesive for installing green marble, water sensitive stone and agglomerate and resin backed tile and stone.
- Adhesives/mastic, mortars and grouts for ceramic tile, pavers, brick, and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required, use a LATICRETE Waterproofing Membrane.

Note: Surfaces must be structurally sound, stable, and rigid enough to support ceramic/stone tile, thin brick, and similar finishes. Substrate deflection under all live, dead and impact loads, including concentrated loads, must not exceed L/360 for thin bed ceramic tile/brick installations or L/480 for thin bed stone installations where L=span length.

Cautions

Consult MSDS for more safety information.

- During cold weather, protect finished work from traffic until fully cured.
- Contains portland cement and silica sand. May irritate eyes and skin. Avoid contact with skin. In case of contact, flush thoroughly with water.
- Wait for 14 days after the final grouting period before filling water features with water at 21°C.
- Do not take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children.

TECHNICAL DATA

Performance Properties

211 Crete Filler Powder mixed with 4237 Latex Additive

Test	Test Method	Specification	Results
Tensile Adhesion Bond Strength (28 days)	EN 1348	≥1N/mm ²	>2.5N/mm ²
Tensile Adhesion Bond after Water Immersion (28 days)	EN 1348	≥1N/mm ²	>1.3N/mm ²
Tensile Adhesion after Heat Ageing (28 days)	EN 1348	≥1N/mm ²	>2.3N/mm ²
Open Time (30mins)	EN 1346	0.5N/mm ²	>1.3N/mm ²
Transverse Deformation	EN 12002	2.5mm	>2.5mm
Slip Resistance	EN 1308	0.5mm	<0.5mm
Shear Bond Strength	ANSI 118.4	>1.03N/mm ²	>2.3N/mm ²

Working Properties

211 Crete Filler Powder mixed with 4237 Thin Set Mortar Additive

Open Time (25°C)	30 minutes
Pot Life (25°C)	2 hours
Time to Light Traffic	24 hours

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

INSTALLATION

Surface Preparation

All surfaces should be between 8°C and 35°C and structurally sound, clean, and free from all dirt, oil, grease, loose peeling paint, laitance, concrete sealers or curing compounds. Rough or uneven concrete surfaces should be made smooth with LATICRETE Latex Portland Cement Underlayment to provide a wood float (or better) finish. Dry, dusty concrete slabs or masonry should be dampened, and excess water swept off. Installation may be made on a damp surface.

Note: Latex portland cement mortars do not require a minimum cure time for concrete slabs. All slabs must be plumb and true to within 6mm in 3m. Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Follow ANSI specification A108.01-3.7 "Requirements for Movement Joints: Preparations by Other Trades" or TCNA detail EJ-171 "Movement Joints - Vertical & Horizontal". Do not cover expansion joints with mortar.

Mixing

Stir 211 Crete Filler Powder thoroughly before use. Use approximately 6.5ℓ- 7.1ℓ of 4237 Thin Set Mortar Additive to 23kg of 211 Crete Filler Powder and place 4237 Thin Set Mortar Additive in a clean plastic pail. Do not dilute.

Add 211 Crete Filler Powder to 4237 Thin Set Mortar Additive and mix to a smooth, trowelable consistency. Allow mortar to slake for 5-10 minutes. Adjust consistency if necessary. Remix and apply with the proper sized notched trowel. **Please do not mix other aggregates such as cement or sand, etc. to 211 Crete Filler Powder.**

Application

Apply mortar to the substrate with the flat side of the trowel, pressing firmly to work into surface. Comb on additional mortar with the notched side.

Note: Use the proper sized notched trowel to ensure full bedding of the tile. It is essential that enough mortar is used to completely cover the back of the tile with a minimum 2mm to 3mm uniform thickness. Spread as much mortar as can be covered with tile in 15-20 minutes. Back butter large tiles >300mm x 300mm to provide full bedding and firm support. Place tiles into wet, sticky mortar and beat in using a beating block and rubber mallet to embed tile and adjust level. Check mortar for complete coverage by periodically removing tile and inspecting bedding mortar transfer onto back of tile.

Grouting

Grout installation can occur after a minimum of 24 hours curing time at 21°C. Grout with 1500 Sanded Grout or 1600 Unsanded Grout mixed 1776 Grout Enhancer. For maximum stain resistance use Spectralock PRO Grout.

Cold Weather Note: The setting of portland cement mortars and grouts are retarded by low temperatures. Protect finished work for an extended period when installing in cold weather. Do not set tile when surface temperature is below freezing or when substrate is frozen.

Hot Weather Note: The evaporation of moisture in portland cement mortar is accelerated by hot, dry conditions. Apply to dampened surfaces and protect freshly spread mortar and finished work when installing in temperatures over 35°C.

Cleaning

Clean tools and tile work with water while mortar is fresh.

AVAILABILITY AND COST

Availability

LATICRETE and LATAPOXY materials are available worldwide.

For distributor information, call:

Telephone: +632 8656 6118

For on-line distributor information, visit LATICRETE at:

ph.laticrete.com

Cost

Contact a LATICRETE Distributor in your area.

WARRANTY

LATICRETE Philippines, Inc. warrants that 211 Crete Filler Powder is free from manufacturing defects and will not break down, deteriorate, or disintegrate under normal usage for a period of one (1) year from date of purchase subject to terms and conditions stated.

MAINTENANCE

LATICRETE and LATAPOXY grouts require routine cleaning with a neutral pH soap and water. All other LATICRETE and LATAPOXY materials require no maintenance, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

TECHNICAL SERVICES/CONTACT

Technical Assistance

Information is available by calling:

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Technical and Safety Literature

To acquire technical and safety literature, please visit our website at ph.laticrete.com