



211 Crete Filler Powder

211 Crete Filler Powder is a factory prepared blend of carefully selected raw materials, Portland cement and graded aggregates. Designed for use with 4237 Thin Set Mortar Additive to product a high strength adhesive for ceramic tile and stone that meets and exceeds the requirements of national and international standards



FEATURES/BENEFITS

- Premixed — No jobsite blending of powders required
- Non-flammable; safe to store and mix
- Economical
- Easy to use
- High strength formula
- Excellent for use in swimming pools, fountains and water features

MANUFACTURER

LATICRETE (Malaysia) Sdn Bhd
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SUITABLE SUBSTRATES

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

* Consult LATICRETE technical services for more information

** Consult cement backer board manufacturer for specific installation recommendations and to verify acceptability for exterior use

USES

For the installation of ceramic tile and stone over cement and masonry type of surfaces. For interior and exterior, walls and floors as well as wet areas

PACKAGING / COLOUR

23kg; 50 and 80 bags per pallet
 White and Grey



This product has been certified green under Singapore Green Building Council

Approximate Coverage

23 kg of 211 Crete Filler Powder mixed with 4237 Thin Set Mortar Additive will yield a coverage of 7.4 – 8.8m² with 6mm x 6mm 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 a white thin set mortar when installing white or light coloured stone
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not designed as replacements for waterproof membranes. When a waterproof barrier is required, use a LATICRETE waterproof 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

- Wait 14 days after the final grouting period before filing water features with water at 21°C
- Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water
- 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**Applicable Standards**

When tested in accordance to BS EN 12004. 1&2.

211 Crete Filler Powder mixed with 4237 Latex Additive is classified as C2TES1

Performance Properties

211 Crete Filler Powder mixed with 4237 Latex Additive

Test	Test Method	Specification	Results
Tensile Adhesion Strength (28 days)	EN 1348	≥1.0N/mm ²	>2.5N/mm ²
Tensile Adhesion after Water Immersion (28 days)	EN 1348	≥1.0N/mm ²	>1.3N/mm ²
Tensile Adhesion after Heat Ageing (28 days)	EN 1348	≥1.0N/mm ²	>2.3N/mm ²
Open Time (30 mins)	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	≥0.5N/mm ²	> 2.3N/mm ²

Working Properties

(211 Crete Filler Powder + 4237 Thin Set Mortar Additive)

Open Time (25°C)	30 Minutes
Pot Life (25°C)	2 Hours
Time to Light Traffic	24 Hours

Specifications 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 of all dirt, oil, grease, loose peeling paints, 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 of. Installation may be made on a damp surface. New concrete slabs shall be damp cured and 28 days old before application

* 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 AN-3.8 "Requirements for Expansion Joints" or TCA Detail EJ171 "Expansion Joints". Do not cover expansion joints with mortar. Glass Mesh Mortar Unit: Follow TCA Installation detail W244

Mixing

Stir 211 Crete Filler Powder thoroughly before use. Use approximately 5.6ℓ - 6.0ℓ of 4237 Thin Set Mortar Additive to 23 kg 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. 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 imbed tile and adjust level.

Check mortar for complete coverage by periodically removing a tile and inspecting bedding mortar transfer onto back of tile. If mortar is skinned over (not sticky), remove and replace with fresh mortar.

Grouting

Grout installation can occur after a minimum of 24 hours curing time at 21°C. Grout with 1500 Tri-Poly Fortified Sanded Grout or 1600 Tri-Poly Fortified Unsanded Grout mixed with 1776 Grout Enhancer. For maximum stain resistance use SPECTRALOCK® PRO grout†

Cleaning

Clean tools and tile work with water while mortar is fresh

AVAILABILITY AND COST

Availability

LATICRETE materials are available worldwide

For distributor information, call:

Telephone: +603 7989 9188

Fax: +603 7972 0331

For online distributor information, visit LATICRETE at <https://ma.laticrete.com>

Cost

Contact a LATICRETE distributor in your area

WARRANTY

LATICRETE (Malaysia) Sdn Bhd 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 subjected to terms and conditions stated

MAINTENANCE

LATICRETE grouts require routine cleaning with a neutral pH detergent and water. All stone and tiles should be maintained and sealed with STONETECH® products as appropriate for the specific tile / stone and installation situation

All other LATICRETE materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers

TECHNICAL SERVICE/CONTACT

Technical Assistance

Information is available by calling:

LATICRETE (Malaysia) Sdn Bhd
#18-08, Faber Tower 2, Jalan Desa Bahagia,
Taman Desa, 58100 Kuala Lumpur,
Malaysia

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Email: enquiry@laticrete.com.my

Technical and safety literature

To acquire technical and safety literature, please visit our website at <https://ma.laticrete.com>

† United States Invention Patent No.: