



211 Crete Filler Powder

DS-1064-1113



1. PRODUCT NAME

211 Crete Filler Powder

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

211 Crete Filler Powder is a factory prepared blend of carefully selected raw materials, Portland Cement and graded aggregates. Designed for use with LATICRETE 4237 Latex Additive to produce a High Strength Adhesive for Ceramic Tile and Stone that meets and exceeds the requirements of national and international standards. Rated "Extra Heavy" duty. Suitable for internal, external and immersed installations.

Uses

For the installation of ceramic tile and stone as a thin or medium bed adhesive, over concrete and other masonry surfaces.

Applications include: Interior and exterior, wet and dry areas, walls, floors and ceilings. New and remodel construction, residential or commercial applications.

Advantages

- Safe – Non-flammable. Safe to store and mix.
- Economical – Saves time and money.
- Easy to use – No special tools required.
- High strength formula – Meets and exceeds National and International Standards.
- Versatile – Can be used as a slurry bond coat for mortar beds and screeds. See TDS1009.

Suitable Substrates

- Concrete
- Cement mortar beds
- Cement backer boards**
- Ceramic tile and stones
- Cement terrazzo
- Cement plaster
- Concrete masonry
- Brick masonry
- Gypsum wallboard*

* For interior only, over cleavage membrane with wire reinforcing

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

Packaging

20 kg bag; 56 bags per pallet

Available Colours

White or Grey

Approximate Coverage when mixed with 4237 Latex Additive

(Based on product wet densities with a trowel at 45°)

- 7 – 8.5 m² using 6 mm x 6 mm square notched trowel
- 5 – 6.5 m² using 6 mm x 9 mm square notched trowel
- 4 – 5 m² using 10 mm x 10 mm square notched 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.

* High humidity will reduce the shelf life of bagged product

Limitations

- Use LATAPOXY® 300 Adhesive for installing green marble or water sensitive natural stone and agglomerates.
- Use a white thin set mortar when installing white or light coloured natural stones.
- This is not a colour controlled product and may not be suitable where specific white or grey coloured adhesives are required.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproof membranes. When a waterproof membrane 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

- During cold weather, protect finished work from traffic until fully cured.
- 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.

4. TECHNICAL DATA

VOC

Green Building Council of Australia Green Star Office Design V3IEQ-13 - VOC: 37 grams/litre for 211 Crete Filler Powder/4237 Latex Additive.

Performance Properties

When tested in accordance with AS ISO13007.1&2 is classified as a C2S1.

Physical Properties

211 Crete Filler Powder mixed with 4237 Latex Additive at 21°C

Open Time	20 minutes
Pot Life	5 hours
Time to Heavy Traffic	24 hours
Wet Density	1750 kg/m ³
TCA Service Rating	Extra Heavy

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.

5. INSTALLATION

Unless otherwise noted in this data sheet all work shall be in accordance with AS3958.1 & 2.

Surface Preparation

All Surfaces should be between 4°C and 32°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 5 mm in 3 m. Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Follow the Australian Standards requirements for Expansion Joints in AS3958.1 Section 5.4.5 and AS3958.2 Section 4.5 or TCNA detail EJ-171 "Movement Joints – Vertical & Horizontal". Do not cover expansion joints with mortar.

Mixing

Stir 4237 Latex Additive thoroughly before use.

Use approximately 4.8 - 5.5 litres (depending on whether a thin or medium bed adhesive is required) of 4237 Latex Additive to 20 kg of 211 Crete Filler Powder and place 4237 Latex Additive

in a clean plastic pail. Do not dilute. Add 211 Crete Filler Powder to 4237 Latex Additive and mix to a smooth, trowelable consistency. Allow mortar to slake 5 – 10 minutes. Adjust consistency if necessary. Remix and apply with the proper sized notched trowel.

Application

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

Note: Use the proper sized notched trowel to insure full bedding of the tile. It is essential that enough adhesive is used to completely cover the back of the tile with a minimum 2 mm to 3 mm uniform thickness. Spread as much adhesive as can be covered with tile in 10 – 15 minutes or whilst adhesive is wet and tacky. Back butter large tiles >200 mm x 200 mm to provide full bedding and firm support. Place tiles into wet, sticky adhesive and beat in using a beating block and rubber mallet to imbed tile and adjust level. Check adhesive for complete coverage by periodically removing a tile and inspecting bedding adhesive transfer onto back of tile.

Grouting

Grout installation after a minimum of 24 hours curing time at 21°C. Grout with PERMACOLOR® Grout; or, Sanded Grout or Smooth Grout mixed with 1776 Grout Enhancer. For maximum stain resistance use SPECTRALOCK® PRO Grout.

Cold Weather Note

The setting of Portland cement adhesives and grouts are retarded by low temperatures. Protect finished work for an extended period when installing in cold weather.

For faster setting adhesive use 211 Crete Filler Powder with 4237 Latex Additive. 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 adhesives is accelerated by hot, dry conditions. Apply to dampened surfaces and protect freshly spread adhesive and finished work when installing in temperatures over 35°C.

Cleaning

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

6. AVAILABILITY AND COST

Availability

LATICRETE and LATAPOXY® materials are available worldwide.

For Distributor information:

Toll Free: 1800 331 012
Telephone: 07 3865 1599

For online Distributor information, visit LATICRETE at www.laticrete.com.au

Cost

Contact a LATICRETE Distributor in your area.

7. 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.

8. TECHNICAL SERVICES

Technical assistance

Information is available by calling

Toll Free: 1800 331 012
Telephone: 07 3865 1599
Fax: 07 3865 2250

Technical and safety literature

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

9. DISCLAIMER

- The information contained in this document is given in good faith and to the best of our knowledge is true and accurate.
- This information is subject to change without notice and it is the responsibility of the user to obtain up to date and current information.
- The use of this product is beyond our control and liability is assumed by the user when used incorrectly and not in accordance with LATICRETE guidelines.
- The manufacturer is not responsible for any loss or damage arising from incorrect usage of this product.
- The specifier or other party responsible for the project must ensure that the details in this data sheet are appropriate for the intended application and that additional detailing is performed for specific design or any areas that fall outside the scope of this data sheet.
- Efflorescence is a normal condition of Portland cement and is not covered by any warranty. The use of LATAPOXY® 310 Stone Adhesive, LATAPOXY 300 Adhesive, SPECTRALOCK® PRO Grout and SPECTRALOCK 2000 IG will not contribute to any noticeable efflorescence.

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