



Globally Proven
Construction Solutions

BOND RTU - Tile Paste

Bond RTU Tile paste is ready to use single component, acrylic dispersion-based tile adhesive designed for interior and dry areas application.



ADVANTAGES

- Ready to use, no mixing with water required.
- Creamy consistency
- Excellent initial grab
- Ease of application
- Strong adhesion
- Equipped with anti-microbial technology.

MANUFACTURER

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USES

- Suitable for interior walls, floors and contour top.
- Suitable for ceramic tiles, porcelain tiles and mosaics.
- Suitable for gypsum wallboards*, cement boards, concrete walls, cement backer units, masonry blocks, concrete floors and levelling compounds, expanded polystyrene & plastered walls, EGP plywood**.

Note:

*Priming with suitable primer- Level primer is required.

**Exterior grade plywood must be securely fastened and free of flexibility

STANDARDS / APPROVALS

ANSI 136.1, Type 1 / EN 12004 Type D1T

Packaging: 5 Kg & 25 kg Pails

Coverage

2 - 3 Kg/ sqm, 6 x 6mm notch trowel.

Above coverage is intended as a guide, it may vary depending upon application technique, substrate profile/flatness, trowel angle, trowel wear and wastage factor. Actual coverage shall be determined by mock-up area based on site conditions.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored in warehouse condition (15 - 30 °C). High temperature & humidity will reduce the shelf life of bagged product.

Limitations

- Install when surface temperature is between 5 -35°C.
- Suitable for tile size up to 30 x 30 centimeters.
- Do not add water or additional filler in product, it will weaken product properties.
- Apply tile adhesive that can be covered within its open time depending upon site condition.
- Do not apply on walls whitewashed with lime.
- Do not apply over waterproofing, crack-isolation membrane.
- Do not install non-absorbent tiles (porcelain tiles) on non-absorbent substrates.
- Do not apply over dimensionally unstable substrates like particleboard, Masonite, OSB, Lauan, metal or similar substrates.
- Do not use to set glass tile or natural stone.
- Do not use for areas in continuous or prolonged water contact.
- Do not use for external area application.

Precautions

- Protect containers from freezing in transit and storage.
- Protect from water until the adhesive has reached its final set, typically from 24 to 48 hours.
- For shower walls, wait at least 72 hours.
- Floors: Keep free from general traffic for at least 72 hours after installation.
- Walls: Protect from impact, vibration and hammering on adjacent and opposite walls for at least 14 days after installation.
- Concrete floors must be levelled, fully cured (at least 28 days), free of moisture, alkalinity, hydrostatic pressure and not subject to dampness or seepage.

Before using any LATICRETE product:

- Consult SDS for more safety information.
- Check www.laticrete.me for any technical bulletins or updated information about the product and its application.
- Contact your local Technical Sales Representative with any questions.
- May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.

TECHNICAL DATA

Working Properties (23 ± 2°C and 50 ± 5% RH)

| | |
|-------------------------------|-------------------|
| Color | Buff |
| Density | 1.6 ± 0.1 |
| Consistency | Thixotropic paste |
| Open time | 20 mins |
| Adjustability | 15 – 20 mins |
| Time to grout | 24 hrs |
| Ready for service | 7 – 14 days |
| Application temperature range | 5 - 35 °C |

Physical Properties

EN 12004 performance data

| | |
|-------------------------------------------------|-------------------|
| Initial shear adhesion- 14 d | 1.5 - 2.0 N/mm2 |
| Heat ageing- Shear adhesion | 1.5 - 2.5 N/mm2 |
| Tensile adhesion strength@ 20 minutes open time | 0.6 - 1.2 N/mm2 |
| Slip (T) | < 0.5 mm , Passes |

Performance data

ANSI 136.1

| | |
|----------------------------------------------|---------------|
| Shear Strength Dry condition, CI 5.2.1 | 350 – 650 psi |
| Shear Strength, Accelerated ageing, CI 5.2.4 | 250 – 650 psi |
| Shear Strength, Wet condition, CI 5.2.2.1 | 50 – 75 psi |
| Shear Strength, 28 days, CI 5.2.3 | 250 – 650 psi |

Note: 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 must be flat, dry, smooth, clean, and free from loose material, grease, laitance, dirt curing compound, etc. New plaster should be cured to achieve its strength, prior to tiling. All cracks, chips, voids, and damages should be repaired with a suitable repair product.

Application

- Stir well with a spade or spatula to a uniform consistency.
- Apply with a suitable notch trowel to achieve 3 mm bed thickness for better contact coverage.
- Fix tile firmly with twist motion for better adhesive contact.
- Fix 1- 2 mm grout spacers between tiles for grouting.
- Fix tile within its open time depending upon site condition, average 1 m² area at a time.
- Re-trowel the surface if skin formation is observed on the adhesive.
- Wipe off any surplus adhesive with damp cloth/ sponge before the adhesive dries.
- Allow it to dry for 24 hours before grouting.
- Avoid Bond RTU paste to get filled-up between tile joints. If observed, remove it when wet

Cleaning: Clean tools with water immediately after use, once cured need to be removed mechanically.

Grouting

Grout installation after a minimum of 24 hours curing time at 21°C. see the Recommended LATICRETE Grout chart below:

| Grout | Type | Mixing |
|------------------------------------------|--------------|---------------------------------------------|
| SPECTRALOCK® Pro Premium Grout† | Epoxy Based | Part A+B+C |
| PERMACOLOR® Grout^ / PERMACOLOR® Select* | Cementitious | Mix with water |
| 1500 Sanded Grout / 1600 Unsanded Grout | Cementitious | Mix with 1776 Grout Enhancer or with water. |

To discover more about our recommended LATICRETE grout products tailored to your specific needs, please contact our technical service team by phone or email at technicalservice@laticrete.me.

*PERMACOLOR Select selling with Color Packs and 11.3 kg of Grout Base

†United States Invention Patent No.: 6881768 (and other Patents).

^United States Invention Patent No.: 6784229 (and other Patents).

AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide.

For distributor information, please contact us by email at: enquiry@laticrete.me or, visit www.laticrete.me

Cost

Contact a LATICRETE® closer distributor to obtain complete information and cost.

WARRANTY

The supplier warrants this product will not deteriorate under normal conditions and use, the warranty validity of one (1) year. The product subject to the terms and conditions stated in the LATICRETE® Product Warranty. Please consult our technical support for further information.

TECHNICAL SERVICES

Technical assistance

For information contact us by email at:

enquiry@laticrete.me

Technical and safety literature

To obtain technical and safety literature, please visit our website at: www.laticrete.me

Warning: The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® unable to directly control the installation conditions and modalities of application of products, do not assume any liability arising from their implementation. Those who want to use the LATICRETE® products must conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.