



Patch

Patch is a premium quality, fast-drying underlayment, Patch designed for use over most substrates. Cement-based formula is excellent for deep fills from 1/8" – 1-1/2" (3-38 mm) per lift.

Globally Proven
Construction Solutions



FEATURES/BENEFITS

- Interior or exterior applications
- Excellent bond strength
- Easy to mix and apply
- Fast drying
- Can be applied directly over concrete testing at RH 95% or less per ASTM F2170
- Fast drying, apply finish floor goods in as soon as 40 minutes
- Direct replacement for DRYTEK Patch

MANUFACTURER

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USES

- For repairing all types of cement and masonry structures
- Horizontal and vertical repairs
- Floors, ramps and car park decks
- For both exterior and interior use

Suitable Substrates

- Concrete
- Vinyl Tile
- Cement Terrazzo
- Exterior Glue Plywood (Interior Only)
- Ceramic Tile and Stone
- Cement Mortar Bed
- Cement Backer Board

Packaging

5 Kg pouch, 4 pouches per carton / 36 cartons per pallet

Approximate Coverage

Nominal Thickness	Approximate Coverage
1/8" (3 mm)	32.5 ft ² (3.0 m ²)
1/4" (6 mm)	16.3 ft ² (1.5 m ²)
1/2" (13 mm)	8.1 ft ² (0.8 m ²)
1" (25 mm)	4.1 ft ² (0.4 m ²)
1-1/2" (38 mm)	2.7 ft ² (0.3 m ²)

Shelf Life*

5 kg 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

- Do not install Patch over particleboard, chipboard, OSB, hardboard (Masonite®), Luan panels, asbestos, gypsum-based patching materials, asphalt, coal tar, lightweight insulating concrete or any other dimensionally unstable materials.
- Patch is not recommended for steel-wheeled traffic.
- Do not install when surface temperature is below 40°F (4°C) or above 90°F (32°C).
- Do not install over painted surfaces.
- Do not exceed recommended mixing ratio as indicated in mixing instructions. Over watering will weaken product properties.
- Never mix with cement or admixtures.
- Not for use as a wear surface.
- Do not apply Patch over waterproofing or crack isolation membranes.
- Adhesives/mastics, 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 on top of the dry Patch.
- Not for use in submerged applications.

Cautions

- Read and understand the Product Data Sheet and Safety Data Sheet.
- Check www.laticrete.com for any technical bulletins or updated information about the product and its application
- Contact your local LATICRETE Technical Sales Representative with any questions.
- Consult SDS for more safety information.
- During cold weather, protect finished work from traffic until fully cured.
- Contains Portland cement and silica sand. Causes skin irritation and serious eye damage. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Silica sand may cause cancer, respiratory irritation or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children.

TECHNICAL DATA

Physical Properties

Properties	Result
Application Depth	1/8" to 1-1/2" (3 – 38 mm)
Walkable	30 – 40 minutes at 21°C
Tensile Bond Strength (Pull-off) (ASTM C 1583)	3 -4 MPa
Flexural Strength (ASTM C 348) 28 Day Cure	10-13 MPa
Compressive Strength (ASTM C109) 28 Day Cure	40 -45 MPa
Set Time (ASTM C191) at 25°C & 50% RH	Initial @ 15 - 25 min. Final @ 30- 40 min.

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

- Clean substrate to eliminate dust, dirt, oil, grease, paint or any contaminants which may inhibit bonding. Do not use chemicals to clean substrate. Remove any loose particles and vacuum.
- Test surface bond strength of substrate. If minimum 72 psi (0.5 MPa) bond strength is not achieved or the substrate is contaminated, remove contaminants by mechanical means. Retest surface.
- Inspect for contraction joints, construction joints,

and cracks in the substrate which may be subject to movement after installation of Patch. These must be maintained as joints in the new surface.

- Maintain substrate temperature between 40°F (4°C) and 90°F (32°C) during application and air temperature between 50–90°F (10–32°C) during drying. Provide adequate ventilation to ensure uniform drying.

Preparing Ceramic Tile or Terrazzo

Ensure tiles are well bonded to the substrate. Mechanically abrade with a carborundum disk. Wash and rinse thoroughly with clean water. Allow to dry.

Preparing Non-Water Soluble Cutback Adhesive

Scrape non-water-soluble cutback adhesive residue from the floor and remove excess material. Ensure remaining adhesive residue is completely dry. Water soluble adhesives must be completely removed down to the bare underlayment or subfloor.

Mixing

Patch should be mixed with 1.35 -1.45 L water for 5 Kg bag. Do not over water. Add product to water and mix for 2–3 min with a heavy-duty drill (650 rpm) to obtain a lump free mix.

Application

Apply blended material onto substrate at a thickness of 1/8" to 1-1/2" (3 – 38 mm) for all surfaces. After initial set of material, remove all overlap marks, seams, and inconsistencies by scraping with steel trowel. Material can be walked on after 30–40 minutes.

Flooring Installation

Finished floor goods may be installed as soon as 40 minutes after application, subject to thickness, drying conditions and type of flooring materials. Always refer to finished floor manufacturer's recommendations regarding installation instructions, restrictions, moisture conditions, and compatibility. Always test performance suitability and compatibility of finished floor systems prior to their application. Sample surfaces should be installed as a field test so as to be representative of entire surface and tested for intended use.

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.

MAINTENANCE

Recommends to using LATICRETE® Floor & stone care products to protect, clean and enhance stone, masonry, tile and grout surfaces. Protect surfaces from common stains by using a STONETECH® sealer such as STONETECH® BULLETPROOF® Sealer. Routine maintenance should follow with STONETECH Revitalizer® Cleaner and Protector or a neutral pH cleaner such as STONETECH Stone & Tile Cleaners. For tough or difficult to remove soil use STONETECH KlenzAll™ cleaner, a nylon scrubbing pad or a long handled stiff bristle brush. For additional information, please consult our technical support.

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.

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