



Planipatch Plus™

High-Performance Additive for *Planipatch*®



Use with *Planipatch*® as an embossing leveler



DESCRIPTION

Planipatch Plus is an acrylic latex additive for use with *Planipatch*. When *Planipatch* is mixed with *Planipatch Plus*, the *Planipatch Plus* System can be used as an embossing leveler or as a patch to fill voids over properly prepared vinyl sheet goods, vinyl composition tile (VCT) and cement terrazzo before the direct glue-down installation of floor coverings.

FEATURES AND BENEFITS

- Superior adhesion
- Can be used with *Planipatch* as an embossing leveler
- Improves flexibility

INDUSTRY STANDARDS AND APPROVALS

| | |
|---|--------------------|
| <u>LEED (Version 3.0) Points Contribution</u> | <u>LEED Points</u> |
| MR Credit 5, Regional Materials* | Up to 2 points |
| IEQ Credit 4.1, Low-Emitting | |
| Materials – Adhesives & Sealants | 1 point |

* Using this MAPEI product may help contribute to LEED certification of projects in the categories shown above. Points are awarded based on contributions of all project materials.

WHERE TO USE

- Mix *Planipatch* with *Planipatch Plus* and use as an embossing leveler or as a patch to fill voids over properly prepared existing cement terrazzo, ceramic tile, VCT, or non-cushioned, fully adhered residential sheet vinyl flooring, cutback and carpet adhesive residues.
- As an additive for *Planipatch* when going over *Planiseal*™ MRB moisture-reduction barrier

- Interior residential (rental apartments, condominiums, homes)
- Interior commercial (office buildings, hotel rooms and hallways, restaurants, cafeterias)
- Interior heavy commercial (hotel lobbies, convention centers, airports, shopping malls, grocery stores, department stores)
- Interior institutional (hospitals, schools, universities, libraries, government buildings)

See "Limitations" section below.

LIMITATIONS

- Do not install over substrates containing asbestos.
- Do not use as a final wear surface.
- Use only when the substrate and ambient temperatures are between 50°F and 100°F (10°C and 38°C).
- For interior installations only
- Do not apply over self-stick tile, presswood, particleboard, flakeboard or similar types of dimensionally unstable substrates.
- Do not install when the moisture vapor emission rate (MVER) exceeds 8 lbs. per 1,000 sq. ft. (3,63 kg per 92,9 m²) per 24 hours, when using the anhydrous calcium chloride test (ASTM F1869). Do not exceed the flooring manufacturer's recommendations for MVER. When MVER is above 5 lbs. per 1,000 sq. ft. (2,27 kg per 92,9 m²) per 24 hours, *Planipatch Plus* is recommended for optimum performance.
- Do not install when the relative humidity (RH) exceeds 85%, when using the in-situ probe method (ASTM F2170). Do not exceed the flooring manufacturer's recommendations for RH.
- Do not use to fill existing expansion control joints.



Shelf Life and Application Properties at 73°F (23°C) and 50% relative humidity

| | |
|------------|---|
| Pot life | 40 to 50 minutes |
| Shelf life | 2 years when stored in original container at 73°F (23°C) in a heated area |
| Color | Milky white |
| Protection | Protect from freezing |

Note: Drying time and open/working time may vary based on temperature, humidity, substrate porosity, thickness of application and jobsite conditions.

Packaging

| Product code | Size |
|------------------------|-----------------------------|
| 31291000 (Canada only) | Bottle: 1 U.S. qt. (946 mL) |
| 31276000 (Canada only) | Jug: 2 U.S. qts. (1,89 L) |
| 7050001 | Jug: 1 U.S. gal. (3,79 L) |
| 7050005 | Pail: 5 U.S. gals. (18,9 L) |

Approximate Product Coverage

Refer to *Planipatch's* TDS for approximate product coverage rates.

- When leveling large areas, use as a thin application only. Refer to Technical Data Sheets (TDSs) at www.mapei.com for use of self-leveling products.

SUITABLE SUBSTRATES

When mixed full-strength with *Planipatch*:

- Properly prepared cutback and carpet adhesive residue
- Existing, properly prepared cement terrazzo
- Existing, properly prepared and fully bonded ceramic tile
- A single layer of properly prepared, fully bonded VCT
- A single layer of properly prepared, fully bonded felt-backed sheet vinyl

Consult MAPEI's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

SURFACE PREPARATION

- All substrates must be structurally sound, dry, solid and stable.
- Substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, epoxy adhesives, urethane adhesives, and any other substance or condition that may prevent or reduce adhesion.

- Concrete must be free of any negative hydrostatic pressure and/or excessive moisture.
- Refer to MAPEI's "Surface Preparation Requirements" document for floor-covering installation systems at www.mapei.com.

MIXING

Note: Choose all appropriate safety equipment before use. Refer to MSDS for more information.

Mixing Ratios for *Planipatch Plus*

Diluted (1 part *Planipatch Plus* to 3 parts water)

| | |
|---|---|
| Package Size..... | 1 U.S. gal. (3,79 L) |
| Water to Add..... | 3 U.S. gals. (11,4 L) |
| Total Quantity of Liquid Made..... | 4 U.S. gals. (15,1 L) |
| Mixing with <i>Planipatch</i> powder..... | Nine 10-lb. (4,54 kg) bags require 4 U.S. gals. (15,1 L) of diluted <i>Planipatch Plus</i> liquid |

Full-Strength

| | |
|---|---|
| Package Size..... | 1 U.S. gal. (3,79 L) |
| Water to Add..... | None |
| Total Quantity of Liquid Made..... | 1 U.S. gal. (3,79 L) |
| Mixing with <i>Planipatch</i> powder..... | Two 10-lb. (4,54 kg) bags require 1 U.S. gal. (3,79 L) of <i>Planipatch Plus</i> liquid |

Refer to *Planipatch's* TDS for application instructions.

RELATED DOCUMENTS

| | |
|---|----------|
| Reference Guide: Surface Preparation Requirements for floor-covering installation systems | RGF0409* |
|---|----------|

* At www.mapei.com.

Refer to the MSDS for specific data related to VOCs, health and safety, and handling of product.

STATEMENT OF RESPONSIBILITY

Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

We proudly support the following industry organizations:



MAPEI Headquarters of the Americas
 1144 East Newport Center Drive
 Deerfield Beach, Florida 33442
 Phone: 1-888-US-MAPEI
 (1-888-876-2734)

Technical Services
 1-800-992-6273 (U.S. and Puerto Rico)
 1-800-361-9309 (Canada)

Customer Service
 1-800-42-MAPEI (1-800-426-2734)

For the most current BEST-BACKED™ product data and warranty information, visit www.mapei.com.

Edition Date: February 11, 2010
 PR4135 PPPD_B10Evp © 2010 MAPEI Corporation.
 All Rights Reserved. Printed in the USA.