

GREAT BEGINNINGS

MAPEI's surface-
preparation
products for tile/
stone installation

Bond-Promoting Primer

Admixture

Patching

**Mud Bed, Screed Mortars
and Render Coats**



Bond-Promoting Primer

ECO Prim Grip™

Multipurpose, bond-promoting primer

Features and benefits

- Ready-to-use gray latex; easy to apply with roller or brush
- One-component, versatile primer for various substrate conditions
- Single-coat application for faster turnaround and lower installation costs
- Easy handling and application properties
- Low-odor and VOC compliance – great for use in interior, occupied environments
- Provides a rough-textured keying surface ideal for polymer-modified mortars, render coats and leveling compounds
- Ensures excellent bonding on smooth or low-absorptive substrates (such as laminate countertops and ceramic tile)
- No need for shotblasting or abrasion, thus eliminating the resulting dust
- Provides excellent bond strength with resistance to moisture and aging

Product properties

- Dries in 15 to 60 minutes for polymer-modified mortar or render applications
- Apply with a 3/8" (10 mm) nap roller

Suitable applications

- Interior residential/commercial walls and floors
- Exterior residential Environmental Classifications including Res 1, 2, 3 and 6 as outlined in TCNA Handbook
- Use before application of polymer-modified mortars over properly prepared sound, stable and nonabsorbent substrates including ceramic tile, natural-stone floors, glass tile, cement terrazzo, cement-based agglomerates, glazed cement masonry units, VCT, rigid fiberglass, well-bonded old cutback adhesive, floor-covering adhesive residue, polyurethane adhesive residue, exterior-grade plywood on floors, smooth nonabsorbent concrete, absorbent concrete, steel-troweled concrete, concrete with up to 20% fly ash, dry shake hardener, radiant-heated floors, gypsum substrates and plastic laminate countertops.
- Use before the application of polymer-modified mortars over properly prepared nonabsorbent substrates including epoxy terrazzo, agglomerate marble, poured epoxy flooring, *Planiseal® VS* and *Planiseal VS Fast*
- Use before the application of render coats over concrete, brickwork and concrete block substrates.
- Use for stone tile coated with a backing of epoxy resin, of epoxy resin with fiber reinforcement or of epoxy resin with aggregate broadcast.
- Not for submerged applications



	Product Code	Size
U.S./	36153000	Pail: 1 U.S. gal. (3.79 L)
Canada	36163000	Pail: 3.5 U.S. gals. (13.2 L)

Admixture

Planicrete® AC

Acrylic latex admixture for mortar and stucco

Features and benefits

- Concentrated, liquid latex additive
- Optimizes bonds to concrete substrates
- Additive for cement patching mortars, concrete and screed mixes, and thick-bed mortars
- For use as a slurry bondcoat, mix with Portland cement
- Dilution ratios vary based on performance desired, products used and application

Product properties

- Use as an admixture for unbonded mortar beds with a minimum thickness of 1-3/8" (3.5 cm) that are placed on a bond-breaking membrane with proper reinforcement
- Use to enhance performance of cementitious repair mortars, stuccos, concrete mixes and toppings
- Improves resistance to abrasion and freeze/thaw cycles
- Improves adhesion, product performance and curing when used with specified MAPEI products
- Use as a slurry bond coat with site mix to enhance adhesion of mortars and toppings

Suitable applications

- Interior/exterior applications in wet or dry areas
- Horizontal, vertical and overhead interior/exterior structural concrete repairs and toppings
- For use in repair mortars, concrete mixes and toppings



	Product Code	Size
U.S./	7013004	Jug: 1 U.S. gal. (3.79 L)
Canada	7013020	Pail: 5 U.S. gals. (18.9 L)

Mapecem® Quickpatch High-performance concrete patch

Features and benefits

- For patching concrete surfaces
- Smoothing and ramping applications
- Working time of 15 to 20 minutes
- Extraordinary ease of application, with variable water ratios
- Fast-setting: Initial set < 40 minutes and final set < 1 hour

Product properties

- Applied from 1/16" to 1-1/2" (1.5 mm to 3.8 cm) neat
- Applied from 1-1/2" to 3" (3.8 to 7.5 cm) in areas no larger than 24 sq. ft. (2.23 m²)
- Compressive strength > 4,000 psi (27.6 MPa)
- Can be primed and covered with self-leveler or tile mortar in as little as 90 minutes
- Moisture-controlling adhesives or moisture mitigation systems can be used over it in as little as 16 hours
- Floor coverings can be installed in as little as 16 hours after application
- Apply liquid waterproofing in as little as 2 to 3 hours

Suitable applications

- Interior/exterior floors
- Commercial and residential floors
- For patching, smoothing and ramping
- Use under MAPEI's moisture-mitigation products



	Product Code	Size
U.S./	10510000	Bag: 10 lbs. (4.54 kg)
Canada	10525000	Bag: 25 lbs. (11.3 kg)
	10550	Bag: 50 lbs. (22.7 kg)



Planislope™ RS Rapid-setting, polymer-modified sloping mortar

Features and benefits

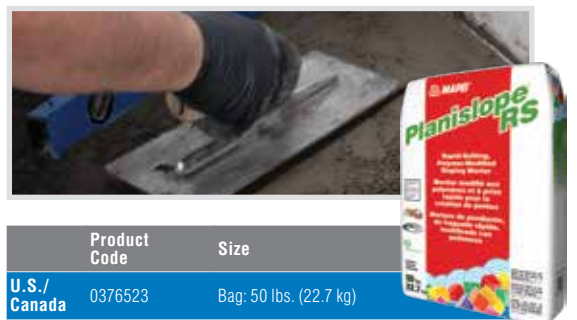
- Rapid-setting cement-based mortar
- Ideal to float shower pre-slopes and bases
- For use as a bonded or unbonded, conventional, thick mortar bed
- For leveling, screeding, ramping and trench applications
- Pre-blended: Requires no jobsite blending of powders or additives
- Polymer-modified; mix with water
- Formulated for wet and dry environments
- Pot life of 25 to 30 minutes
- Smooth finish

Product properties

- Screed, float and level from 1/4" to 3" (6 mm to 7.5 cm)
- Can be applied up to 3" (7.5 cm) thick for leveling and ramping on horizontal substrates
- Can be applied up to 5" (12.5 cm) thick for use in trenches
- Compressive strength 4,000 to 5,000 psi (27.6 to 34.5 MPa)
- Rapid-setting: Set tile in 1 to 2 hours
- Apply liquid waterproofing after 1 to 2 hours

Suitable applications

- For interior/exterior environments
- For residential and commercial installations
- For walls and floors in wet and dry areas
- For use as a fast-setting dry-pack, direct-bond, floating or unbonded mortar bed
- For areas where leveling, flattening or contouring of finished floor height is required
- For areas where floor flatness is critical; ideal prep for installing large and heavy tile
- For concrete substrates that are cracked or present bonding issues
- For areas with in-slab hydronic tubing
- Can be used in submerged applications
- Can be used over APA Group 1 and CANPLY 0212 exterior-grade plywood with cleavage membrane
- For use in forming shower curbs
- Use mixed wet as a slurry bond coat for a direct-bond mortar bed, followed by the same product mixed to a dry-pack consistency



	Product Code	Size
U.S./	0376523	Bag: 50 lbs. (22.7 kg)
Canada		

Planitop® 330 Fast

Quick-setting, fiber-reinforced, cementitious rendering mortar

Features and benefits

- Fast-drying render, patching, leveling and ramping mortar
- Mix with water only; eliminates the need for latex
- Smooth, creamy consistency with easy troweling application
- For smoothing and rendering irregular substrates such gypsum wallboard and cement backer units (CBUs)
- Pot life of 20 to 30 minutes
- Non-sagging/nonslumping properties
- Nonshrinking formulation

Product properties

- Can be applied from 1/8" to 1-1/4" (3 mm to 3.2 mm) thick in a single coat
- Approved for freeze/thaw environments
- Fast drying allows tile installation in as little as 90 minutes
- Liquid waterproofing membranes can be installed after 2 to 3 hours

Suitable applications

- For interior/exterior walls and floors
- For use in residential and commercial applications
- For use in wet and dry areas, including exterior facades
- Ideal for submerged applications such as pools and fountains
- Leveling, rendering or patching concrete
- Ramping, smoothing and leveling clean concrete and screed floor substrates to prepare them for installing ceramic, stone or waterproofing systems
- Repairing or forming slopes on terraces and balconies
- Rendering ceilings, curbs and shower seats as well as stair treads, risers and stringers



	Product Code	Size
U.S./Canada	223523	Bag: 50 lbs. (22.7 kg)

Mapecem® Premix

Fast-setting screed mortar

Features and benefits

- Fast-setting prep mortar for tile and floor-covering installation
- High compressive strength without shrinkage cracks
- Mixed with water only
- For shower bases/curbs, slopes and ramps
- For screed and leveling applications
- Working time of 20 to 30 minutes
- Ready for foot traffic after 2 to 3 hours

Product properties

- Patch and level concrete subfloors from 1/4" to 4" (6 mm to 10 cm)
- For filling trenches, holes and cuts in existing concrete up to 4" (10 cm) deep
- For building slopes and access ramps from 1/4" up to 4" (6 mm to 10 cm) thick
- Do not exceed 2" (5 cm) thickness when leveling concrete areas larger than 16 sq. ft. (1.49 m²)
- For building shower bases and curbs up to 4" (10 cm) thick
- Compressive strength > 4,000 psi (27.6 MPa)
- Allows tile setting in 3 to 4 hours
- Allows installation of floor covering after 16 to 18 hours
- Apply liquid waterproofing after 3 to 4 hours

Suitable applications

- For interior/exterior use in fast-track concrete and subfloor preparation
- For use in residential and commercial applications
- For horizontal surfaces only
- Can be installed over plywood and OSB with cleavage membrane and galvanized wire mesh
- In environments subject to freeze/thaw conditions or where increased durability is desired mix with *Planicrete® AC*



	Product Code	Size
U.S./Canada	2060021	Bag: 50 lbs. (22.7 kg)

4 to 1™ Mud Bed Mix

Sand and cement mortar mix

Features and benefits

- For thick-bed mortar installations
- Mix with water or *Planicrete® AC*
- For increased performance and reduced porosity, mix with MAPEI's *Planicrete AC* latex admixture
- Ideal for floating and screeding
- Good consistency and working properties

Product properties

- Screed and level from 3/8" to 3" (10 mm to 7.5 cm)
- Compressive strength > 2,500 psi (17.2 MPa)
- Compressive strength mixed with *Planicrete® AC* > 4,000 psi (27.6 MPa)
- Apply liquid waterproofing after 48 to 72 hours

Suitable applications

- For interior/exterior use
- Residential and commercial applications in wet and dry areas
- For exterior or heavy-duty use, mix with *Planicrete AC*
- Use for floating shower bases and screeds
- For use directly bonded or as a detached floating mortar bed over a cleavage membrane or shower pan membrane
- Conventional thick-bed mortar
- Can be installed over properly designed wood frame floor system



	Product Code	Size
U.S.	14155000	Bag: 55 lbs. (24.9 kg)
Canada	1415500021	Bag: 55 lbs. (24.9 kg)

Topcem™ Premix

Accelerated-cure screed

Features and benefits

- For bonded and unbonded mortar beds
- For repairs, filling trenches, forming screeds and re-sloping balconies
- Easy workability for screeding and sloping
- Working time up to 30 minutes

Product properties

- For thicknesses from 1/4" to 2" (6 mm to 5 cm) neat and up to 4" (10 cm) when extended
- On bonded systems under 3/4" (19 mm) in thickness, mix with undiluted *Planicrete*® AC.
- When used as a floating screed, mix with *Planicrete* AC and maintain a thickness of at least 1-3/8" (3.5 cm)
- Compressive strength > 3,000 psi (20.7 MPa)
- Compressive strength mixed with *Planicrete* AC > 5,300 psi (36.6 MPa)
- Tile installation allowed after 24 hours
- Ready for self-leveling applications after 24 hours
- Waterproofing membranes can be applied in as little as 48 hours

Suitable applications

- Interior/exterior use
- Commercial/residential installations
- Bonded and unbonded applications
- Repair mortar for horizontal concrete
- Use under MAPEI's moisture mitigation products
- In freeze/thaw environments or for increased durability, mix with undiluted *Planicrete* AC



Product Code	Size
U.S./Canada 15750	Bag: 50 lbs. (22.7 kg)

Modified Mortar Bed

Polymer-modified thick-bed and render mortar

Features and benefits

- Pre-blended powder and additive
- Polymer-modified; just add water
- High compressive strength
- Wall and floor applications
- Pumpable formulation
- For use as bonded and unbonded, conventional thick-bed mortar

Product properties

- Build from 1/4" to 2" (6 mm to 5 cm) in thickness
- Use as a scratch coat up to 3/8" (10 mm) in thickness
- Use as a render coat up to 5/8" (16 mm) in thickness per lift
- Compressive strength 4,000 to 5,000 psi (27.6 to 34.5 MPa)
- Tile can be applied after waiting 24 hours per 1/2" (12 mm) in thickness
- Waterproofing membranes can be applied after 48 to 72 hours

Suitable applications

- Interior/exterior use
- Commercial/residential installations
- Wet and dry areas
- For use as a scratch coat and wall render
- Direct bonded and unbonded installations
- Can be used over APA Group 1 and CANPLY 0121 exterior-grade plywood with cleavage membrane



Product Code	Size
U.S./Canada 0376027	Bag: 60 lbs. (27.2 kg)



MAPEI USA
MAPEI Canada

MAPEI Headquarters of North America

1144 East Newport Center Drive
Deerfield Beach, Florida 33442
1-888-US-MAPEI (1-888-876-2734) /
(954) 246-8888

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)

Services in Mexico

0-1-800-MX-MAPEI (0-1-800-696-2734)

Copyright ©2019 by MAPEI Corporation ("MAPEI") and all rights are reserved. All intellectual property rights and other information contained in this document are the exclusive property of MAPEI (or its parent or related companies), unless otherwise noted. No part of this document may be reproduced or transmitted in any form without the prior written consent of MAPEI.

Edition Date: September 12, 2019

PR: 7417 MKT: 19-2372 Printed in the USA.



ADHESIVES • SEALANTS • CHEMICAL PRODUCTS FOR BUILDING