

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./ Canada	10510000	Bag: 10 lbs. (4.54 kg)
	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

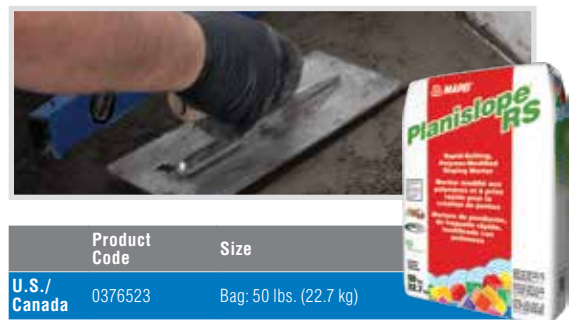
- Rapid-setting cement-based mortar
- Ideal to float shower pre-slopes and bases
- For use as a bonded or unbonded, conventional, thick mortar bed
- For leveling, screeding, ramping and trench applications
- Pre-blended: Requires no jobsite blending of powders or additives
- Polymer-modified; mix with 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./ Canada	0376523	Bag: 50 lbs. (22.7 kg)

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)



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