

July 2, 2021

Please find the following addendum to the below mentioned QUOTE.

Addendum No.: 2

Quote#: 21-36-1

Project Name: JC Parking Garage Roof Repair

Quote Due Date: Wednesday, July 7, 2021

GENERAL INFORMATION:

1. Approved Manufacture – MAPEI (Attached)

QUESTIONS & ANSWERS:

- Question 1: I received the material quote from Cale at Garland, and the material alone is significantly higher than the budgeted amount. Will there be additional funds allocated to this project?
- Answer 1: At this time, additional funds are not allocated to this project. Costs will be evaluated after all quotes are received

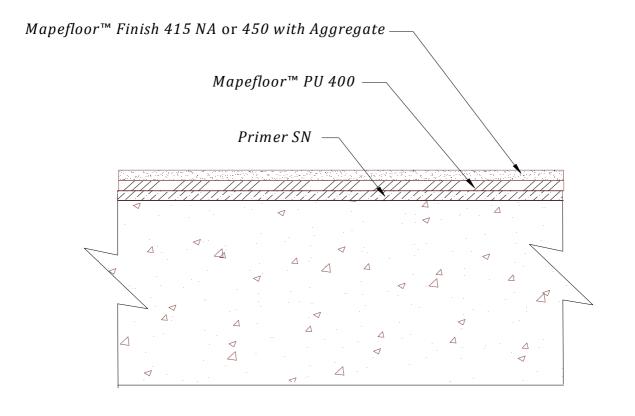
ATTACHMENTS:

1. MAPEI Specifications.pdf

End of Addendum #2

MAPEI #: MCRS0027

Typical Pediestrian Deck Coating

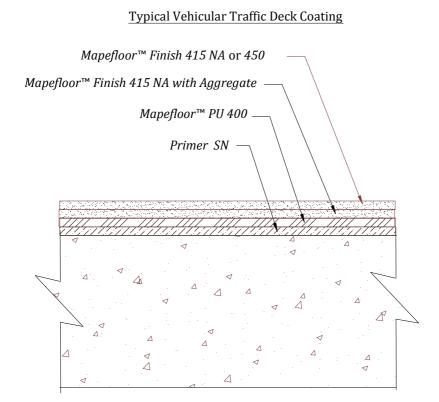


This drawing and instructions are provided as a guide for informational purposes only and are not intended to replace sound engineering practice and judgment and should not be relied upon for that purpose. MAPEI products are listed as options. Please refer to current data sheets for complete instructions and application limitations. Some installation methods and component materials are not referenced. MAPEI encourages the user to consult all approved resources to ensure a complete assembly.





MAPEI #: MCRS0028

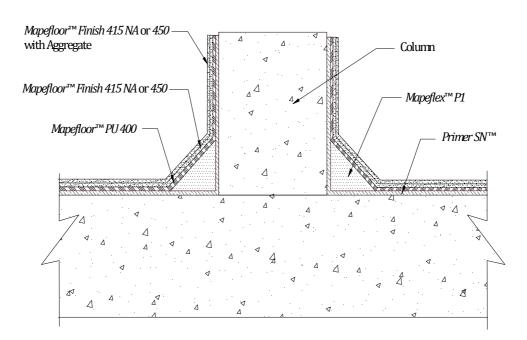


This drawing and instructions are provided as a guide for informational purposes only and are not intended to replace sound engineering practice and judgment and should not be relied upon for that purpose. MAPEI products are listed as options. Please refer to current data sheets for complete instructions and application limitations. Some installation methods and component materials are not referenced. MAPEI encourages the user to consult all approved resources to ensure a complete assembly.





Typical Horizontal to Column Transition MAPEI #: MCRS0029



Scale: NTS

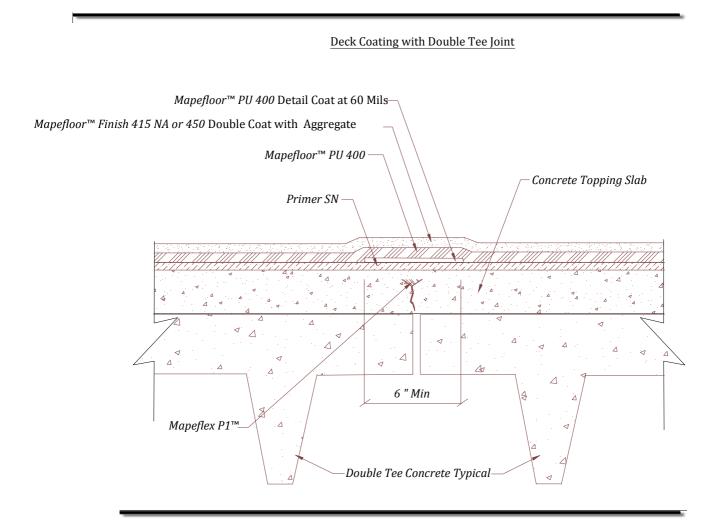
This drawing and instructions are provided as a guide for informational purposes only and are not intended to replace sound engineering practice and judgment and should not be relied upon for that purpose. MAPEI products are listed as options. Please refer to current data sheets for complete instructions and application limitations. Some installation methods and component materials are not referenced. MAPEI encourages the user to consult all approved resources to ensure a complete assembly.





Mapefloor™ Deck System

MAPEI #: MCRS0030

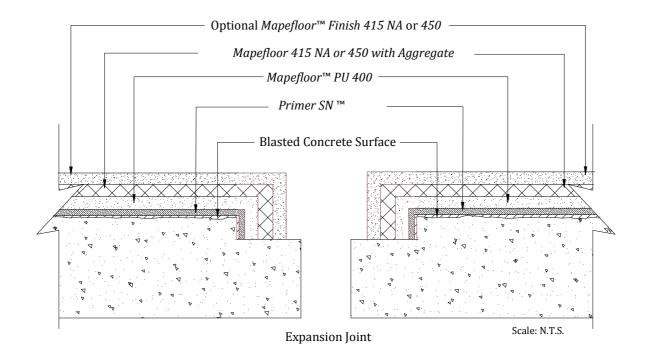


This drawing and instructions are provided as a guide for informational purposes only and are not intended to replace sound engineering practice and judgment and should not be relied upon for that purpose. MAPEI products are listed as options. Please refer to current data sheets for complete instructions and application limitations. Some installation methods and component materials are not referenced. MAPEI encourages the user to consult all approved resources to ensure a complete assembly.





Typical Expansion Joint MAPEI #: MCRS0031



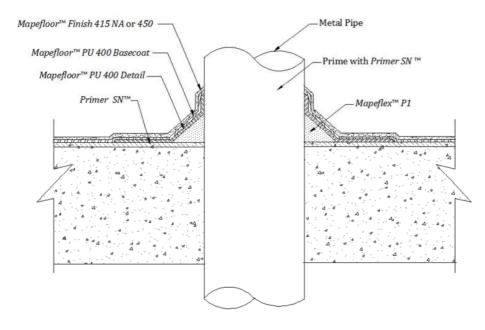
This drawing and instructions are provided as a guide for informational purposes only and are not intended to replace sound engineering practice and judgment and should not be relied upon for that purpose. MAPEI products are listed as options. Please refer to current data sheets for complete instructions and application limitations. Some installation methods and component materials are not referenced. MAPEI encourages the user to consult all approved resources to ensure a complete assembly.





Mapefloor™ Deck System

Typical Treatment of Pipe Penetration MAPEI #: MCRS0032



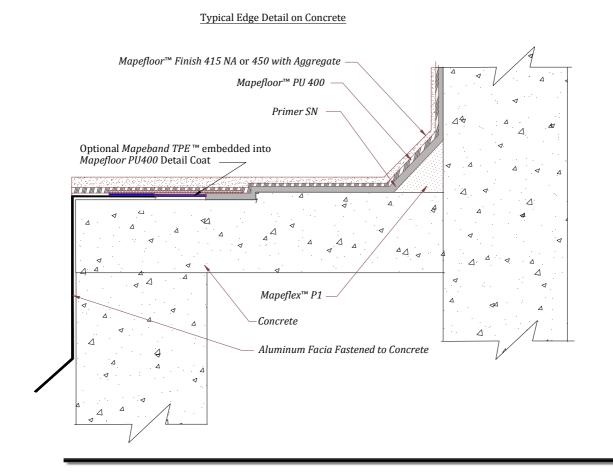
Scale: NTS

This drawing and instructions are provided as a guide for informational purposes only and are not intended to replace sound engineering practice and judgment and should not be relied upon for that purpose. MAPEI products are listed as options. Please refer to current data sheets for complete instructions and application limitations. Some installation methods and component materials are not referenced. MAPEI encourages the user to consult all approved resources to ensure a complete assembly.





MAPEI #: MCRS0033

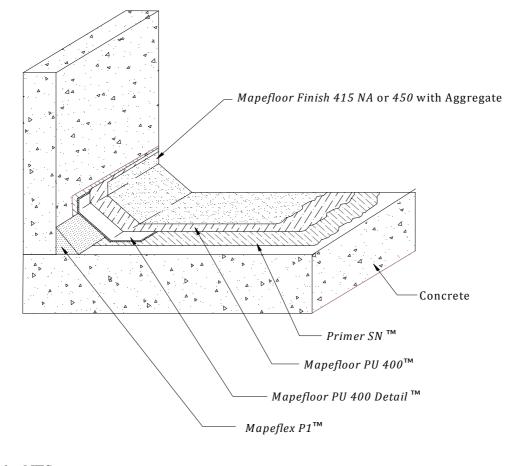


This drawing and instructions are provided as a guide for informational purposes only and are not intended to replace sound engineering practice and judgment and should not be relied upon for that purpose. MAPEI products are listed as options. Please refer to current data sheets for complete instructions and application limitations. Some installation methods and component materials are not referenced. MAPEI encourages the user to consult all approved resources to ensure a complete assembly.





Typical Horizontal to Vertical Transition MAPEI #: MCRS0034



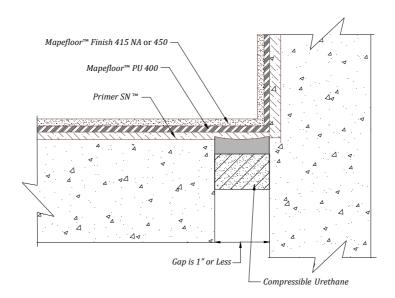


This drawing and instructions are provided as a guide for informational purposes only and are not intended to replace sound engineering practice and judgment and should not be relied upon for that purpose. MAPEI products are listed as options. Please refer to current data sheets for complete instructions and application limitations. Some installation methods and component materials are not referenced. MAPEI encourages the user to consult all approved resources to ensure a complete assembly.





Typical Horizontal to Vertical Transition with Joint MAPEI #: MCRS0035

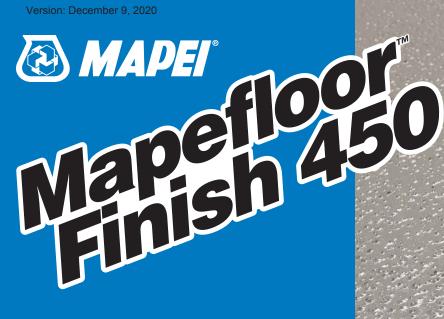


Scale: NTS

This drawing and instructions are provided as a guide for informational purposes only and are not intended to replace sound engineering practice and judgment and should not be relied upon for that purpose. MAPEI products are listed as options. Please refer to current data sheets for complete instructions and application limitations. Some installation methods and component materials are not referenced. MAPEI encourages the user to consult all approved resources to ensure a complete assembly.







Two-Component, Aliphatic, Polyurethane Topcoat

DESCRIPTION

Mapefloor Finish 450 is a two-component, solvent-free, aliphatic, polyurethane topcoat specifically designed to provide a protective wear coat for elevated concrete surfaces in areas that are exposed to direct sunlight.

FEATURES AND BENEFITS

- Superior resistance for exterior applications exposed to sunlight .
- Highly attractive wearing surface, in as little as one coat .
- High resistance to wear and abrasion for long-lasting performance .
- Resistant to chemical agents, including diluted acids, bases, oil and fuel
- Impervious to water and/or chloride penetration
- Easy to clean
- Available in 9 standard colors (Light Gray, Red, Tan, Black, Charcoal, Concrete Gray, Dark Maple, Green, Medium Gray)

WHERE TO USE

- As an aliphatic topcoat in drive lanes and parking stalls over Mapefloor • PU 400 FC
- Multi-story parking garages

- Suspended pedestrian walkways, balconies and stadiums
- Concrete surfaces requiring high resistance to wear and abrasion
- For waterproofing horizontal, interior/exterior, elevated concrete surfaces
- When specification calls for an aesthetically pleasing and skid-resistant surface

SUITABLE SUBSTRATES

- Mapefloor Finish 450 is the final layer to complete the Mapefloor parking • deck system. Before Mapefloor Finish 450 is installed, the substrate must have the following:
 - A surface mechanically prepared to an ICRI CSP #3 and primed with Primer SN™ or Mapefloor PU Primer
 - A basecoat of Mapefloor PU 400 FC installed within 6 to 24 hours of installing Mapefloor Finish 450

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

SURFACE PREPARATION

For instructions on surface preparation, refer to the *Mapefloor* Parking Deck Systems Installation Manual.

MIXING

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details. For complete details on mixing, refer to the *Mapefloor* Parking Deck Systems Installation Manual.

- Premix *Mapefloor Finish 450*'s Part A to a homogenous consistency 1. (for 2 to 3 minutes) using a low-speed drill (at 300 to 450 rpm) and an appropriate mixing paddle.
- 2. Pour Mapefloor Finish 450's Part B into Mapefloor Finish 450's Part A container and mix thoroughly for 2 to 3 minutes to a smooth, homogenous consistency.
- During mixing, it may be necessary to scrape the sides of the mixing vessel 3. with a margin trowel.



PRODUCT APPLICATION

Read all installation instructions thoroughly before installation. For complete details on application, maintenance and applicable systems, refer to the *Mapefloor* Parking Deck Systems Installation Manual.

- Allow Mapefloor PU 400 FC to cure for at least 1.5 hours at 75°F (24°C) or until tack-free.
- 2. Pour the mixed *Mapefloor Finish 450* onto the basecoat in a ribbon pattern.
- Spread Mapefloor Finish 450 evenly and uniformly with a 1/4" (6 mm) notched squeegee between 12 and 15 mils wet film thickness (WFT) or 107 to 134 sq. ft. per U.S. gal. (2.60 to 3.29 m² per L) dependent on the Mapefloor system being installed. Consult the Mapefloor Parking Deck Systems Installation Manual for complete system application rates.
- 4. Back-roll to achieve desired thickness and proper coverage.
- 5. Immediately broadcast oven-dried 16/30 mesh silica quartz sand into the wet *Mapefloor Finish 450* at a rate of 10 to 15 lbs. per 100 sq. ft. (or 0.49 to 0.73 kg per m²), and back-roll.
- 6. Allow 5 to 6 hours for curing.
- 7. For complete application instruction on the use of *Mapefloor Finish 450* as an intermediate coat and topcoat for the various *Mapefloor* parking deck systems, please consult the *Mapefloor* Parking Deck Systems Installation Manual.

CLEANUP

 Before the material hardens, clean tools with an appropriate solvent or cleaning material, such as xylene.

PROTECTION

 Protect Mapefloor Finish 450 from traffic and precipitation. At a temperature of 75°F (24°C), a Mapefloor parking deck system will allow light foot traffic after 16 hours. Vehicular traffic is allowed on coated surfaces after at least 48 to 72 hours. Lower temperatures will increase the curing time and lengthen the time before pedestrian and vehicular traffic is allowed.

LIMITATIONS

- Do not mix at high speeds, which can trap air within the mixed material.
- Do not apply onto unvented pan decks.
- Do not apply onto topping slabs that have waterproofing installed underneath on the structural slab.
- Do not apply onto slab-on-grade concrete surfaces.
- Do not apply *Mapefloor Finish 450* on surfaces that are damp, wet or covered with frost.
- Do not dilute *Mapefloor Finish 450* with water or solvents.
- MAPEI[®]

- Do not mix partial quantities of the components of *Mapefloor Finish 450.*
- Before and during application, the ambient temperature range must be 45°F to 85°F (7°C to 29°C). Special precautions should be taken when ambient and substrate temperatures exceed 85°F (29°C). The substrate temperature must be at least 5 degrees F (2.8 degrees C) above the dew point and maintained at this level during curing.
- Do not apply *Mapelloor Finish 450* in direct sunlight. To minimize blistering, always apply when the substrate and ambient temperatures are falling and not rising.
- Mapefloor Finish 450 topcoat is part of the Mapefloor parking deck system and must be used in conjunction with Primer SN or Mapefloor PU Primer as well as Mapefloor PU 400 FC basecoat.

Product Performance Properties

Laboratory Tests	Results*
Weight of product – ASTM D1475	10.9 to 11.2 lbs. per U.S. gal. (4.94 to 5.08 kg per 3.79 L)
Solids content – ASTM C1250	100%
VOCs – EPA Method 24	12 g per L
Viscosity – ASTM D2196	1,000 to 2,200 cps
Tensile strength – ASTM D412	1,800 to 2,200 psi (12.4 to 15.2 MPa)
Elongation – ASTM D412	90% to 115%
Tear resistance – ASTM D1004	300 to 400 pli (5.25 to 7.01 x 10 ⁴ N/m)
Water resistance – ASTM D471	1% at 7 days
Shore "A" hardness – ASTM D2240	85+
Adhesion – ASTM D4541	300 psi (2.07 MPa)

* Results are typical values. Individual batches may vary up to 10% from the typical value.

Shelf Life

Shelf life	1 year when stored in original, unopened packaging at 70°F (21°C)
------------	---

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

Application Properties

Color	Light Gray, Red, Tan, Black, Charcoal, Concrete Gray, Dark Maple, Green, Medium Gray
Open time at 77°F (25°C)	30 to 40 minutes
Cure time at 75°F (24°C) and 50% relative humidity – TT-S-00230A	5 to 6 hours

CSI Division Classification

Dampproofing and Waterproofing	07 10 00
	07 10 00

Packaging

Part A, Pail: 3.52 U.S. gals. (13.3 L)	
Part B, Pail: 1.48 U.S. gals. (5.60 L)	









RELATED DOCUMENTS

Mapefloor Parking Deck Systems Installation Manual*

* At www.mapei.com

Refer to the SDS for specific data related to health and safety as well as product handling.

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at

www.mapei.com. ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.

Before using, the user must determine the suitability of our products for the intended use,

and the user alone assumes all risks and liability. 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.**



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

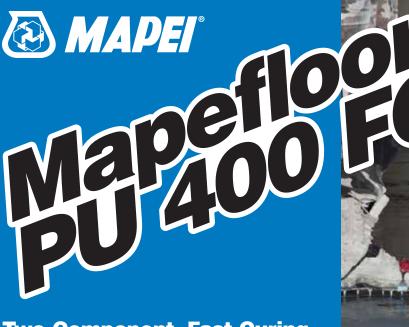
1-888-365-0614 (U.S. and Puerto Rico) 1-800-361-9309 (Canada)

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

Services in Mexico 0-1-800-MX-MAPEI (0-1-800-696-2734)

Edition Date: December 8, 2020 MK 3000125 (20-3301)

For the most current product data and BEST-BACKED[™] warranty information, visit www.mapei.com. All Rights Reserved. © 2020 MAPEI Corporation.



Two-Component, Fast-Curing, Polyurethane Basecoat for *Mapefloor* Parking Deck System



DESCRIPTION

Mapefloor PU 400 FC is a two-component, fast-curing, polyurethane basecoat specifically designed for use as a waterproofing membrane for elevated concrete surfaces where the *Mapefloor* parking deck system is utilized. With its high elongation and crack-bridging properties, *Mapefloor PU 400 FC* is suited as a basecoat layer on concrete substrates subject to vibration.

FEATURES AND BENEFITS

- Can bridge cracks of up to 1/16" (1.5 mm) in concrete substrates at temperatures as low as -4°F (-20°C)
- Low-odor and VOC-compliant
- Elongation greater than or equal to 750%
- Fast-curing

INDUSTRY STANDARDS AND APPROVALS

• Meets or exceeds the requirements of ASTM C957 if applicable in conjunction with *Mapefloor Finish 415 NA* or *Mapefloor Finish 450*

WHERE TO USE

- Interior/exterior multi-story parking garages subjected to vehicular traffic
- Pedestrian bridges
- Balconies

SUITABLE SUBSTRATES

 Properly prepared, elevated concrete substrates that have been mechanically prepared using engineer-approved methods to an International Concrete Repair Institute (ICRI) concrete surface profile (CSP) of #3, and then primed with *Primer SN*^m or *Mapefloor PU Primer*

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

SURFACE PREPARATION

 Mapefloor PU 400 FC must be applied over properly prepared, elevated concrete surfaces that have been primed with Primer SN or Mapefloor PU Primer.

For complete details on surface preparation, refer to the *Mapefloor* installation manual in the Concrete Restoration Systems section of MAPEI's Website.

MIXING

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details. For complete details on mixing, refer to the *Mapefloor* installation manual in the Concrete Restoration Systems section of MAPEI's Website.

- Separately premix the Part A hardener to a homogenous consistency (for 1 minute).
- Pour Part A into the Part B container and mix thoroughly for 2 to 3 minutes to a smooth, homogenous consistency. Never add Part B to Part A, as mixing will be poor.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation. For complete details on application, refer to the *Mapefloor* installation manual in the Concrete Restoration Systems section of MAPEI's Website.



- 1. Pour the mixed *Mapefloor PU 400 FC* onto the surface of the properly prepared, primed substrate. Spread the product evenly and uniformly with a rubber squeegee at a depth of 20 mils of WFT or at a rate of 80 sq. ft. per U.S. gal. (1.96 m² per L).
- Apply Mapefloor PU 400 FC within 1.5 to 24 hours of application of Primer SN or Mapefloor PU Primer. Re-prime if Mapefloor PU 400 FC cannot be applied within 24 hours (contact MAPEI's Technical Services Department for re-priming instructions). Steep slopes may require thinner, multiple passes of coating to achieve the necessary thickness.
- Allow Mapefloor PU 400 FC to cure for at least 1.5 hours at 75°F (24°C) or until tack-free. Then apply the appropriate topcoat.

CLEANUP

• Before the material hardens, clean tools with an appropriate solvent or cleaning material, such as xylene.

PROTECTION

• Protect *Mapefloor PU 400 FC* from direct sunlight during curing, as well as from traffic and precipitation, until the application is coated with an appropriate wear surface. At a temperature of 75°F (24°C), a *Mapefloor* parking deck system will allow light foot traffic after 16 hours. Vehicular traffic is allowed on coated surfaces after at least 48 to 72 hours. Lower temperatures will increase the curing time and lengthen the time before pedestrian and vehicular traffic is allowed.

LIMITATIONS

- Do not apply onto slab-on-grade concrete surfaces.
- Do not apply on surfaces that are damp, wet or covered with frost.
- *Mapefloor PU 400 FC* is not a standalone coating and must be used in conjunction with *Primer SN or Mapefloor PU Primer*, as well as with *Mapefloor Finish 415 NA* or *Mapefloor Finish 450* as an acceptable topcoat.
- Before and during application, the ambient temperature range must be 45°F to 85°F (7°C to 29°C). Special precautions should be taken when ambient and substrate temperatures exceed 85°F (29°C). The substrate temperature must be at least 5 degrees Fahrenheit (2.8 degrees Celsius) higher than the dew point and maintained at this level during curing.
- Do not dilute *Mapefloor PU 400 FC*.
- Do not apply *Mapefloor PU 400 FC* on dusty, unsound substrates or on substrates containing oil or grease residue.
- Do not mix partial quantities of the components of *Mapefloor PU 400 FC*.

- Multiple thin layers may be required to achieve proper wet film thickness (WFT) in areas such as ramps and other sloped areas.
- Do not mix at high speeds, which can trap air within the mixed material.



Product Performance Properties

Laboratory Tests	Results
Mapefloor PU 400 FC (mixed)	
Weight of product – ASTM D1475	9.354 lbs. per U.S. gal. (4.24 kg per 3.79 L)
Solids content – ASTM C1250	100%
VOCs (Rule #1113 of California's SCAQMD)	50 g per L
Viscosity – ASTM D2196	3,200 cps
Working time at 77°F (25°C)	35 minutes

Cured Resin Performance*

Laboratory Tests	Results
Tensile strength – ASTM D412	1,200 psi (8.28 MPa)
Elongation – ASTM D412	≥ 750%
Tear resistance – ASTM D1004	240 pli (4.20 x 10⁴ N/m)
Shore "A" hardness – ASTM D2240	60 to 80
Weight loss of base coat, max. % – ASTM C1250	< 10
Low-temperature crack bridging at -15°F (-26°C) – ASTM C1305-8, mod. 5.5	No cracking in the membrane
Adhesion in peel after water submersion, min., N – ASTM C794, mod. 5.6	>22,2
Chemical resistance, min. % of tensile retention – ASTM D471, mod 5.7	
Water exposure	> 70
Ethylene glycol exposure	> 70
Mineral spirits exposure	> 45
Weathering resistance and recovery from elongation, min. 9	6 – ASTM C957, mod. 5.8
Recovery from elongation, initial	> 90
Tensile retention	> 80
Elongation retention	> 90
Abrasion resistance, max., mg – ASTM C501, mod. 5.9	< 50
Stability, min., months – ASTM C957, mod. 5.10	> 6

* Results are typical values. Individual batches may vary up to 10% from the typical value.

Shelf Life and Application Properties

Shelf life	1 year when stored in original, unopened packaging in a shaded area at 70°F (21°C)
Curing time at 75°F (24°C) and 50% relative humidity	3 to 6 hours

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

CSI Division Classification

Dampproofing and Waterproofing

07 10 00

Packaging

Size	
Pail: Part A, 1.08 U.S. gals. (4.09 L)	
Pail: Part B, 3.9 U.S. gals. (14.8 L)	











Refer to the SDS for specific data related to health and safety as well as product handling.

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at

www.mapei.com. ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.

Before using, the user must determine the **DISCOVERED.** suitability of our products for the intended use,

and the user alone assumes all risks and liability. 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,



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

1-888-365-0614 (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)

Edition Date: September 29, 2020 MK 3000063 (20-2598)

For the most current product data and BEST-BACKED[™] warranty information, visit www.mapei.com. All Rights Reserved. © 2020 MAPEI Corporation.



Two-Component Polyurethane Primer



Mapefloor PU Primer is a two-component, polyurethane-based primer that can be used for initial application of *Mapefloor* parking deck systems or as a recoat primer for already installed polyurethane deck systems.

FEATURES AND BENEFITS

- Quick-setting
- Easy-to-apply viscosity
- Can be used over mechanically prepared concrete
- Can be used as a recoat primer over sound, in-place polyurethane membranes

WHERE TO USE

 Mapefloor PU Primer should be used on elevated slabs where a Mapefloor parking deck system is being utilized.

SURFACE PREPARATION

For use in initial application

- Concrete surfaces must be clean, dry, stable and sound. They must be clean of all tar, dirt, oil, paint and any foreign debris that may interfere with proper bonding of the primer.
- Concrete must be mechanically profiled in accordance with the *Mapefloor* Parking Deck systems installation manual.

For use as a recoat primer

• Surface must be well adhered and free of cracks, gouges and delamination to be suitable as a substrate for recoating.

- Remove all oils, automotive fluids, sand and any foreign debris that may interfere with proper bonding of the primer.
- Wipe the application area with a strong solvent such as xylene and allow it to flash off, to aid in removing any moisture from the surface.

MIXING

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details.

- 1. Premix Part A and Part B separately.
- 2. Add Part B to Part A and mix at low speed for 2 to 3 minutes or until a homogenous consistency is achieved.

APPLICATION PROCEDURE

Read all installation instructions thoroughly before installation.

- Apply Mapefloor PU Primer immediately to the prepared substrate by roller or squeegee at 320 to 530 sq. ft. per U.S. gal. (7.84 to 13.0 m² per L) to obtain a wet film thickness (WFT) of 3 to 5 mils.
- 2. Ensure that there are no puddles and that all pores of the concrete are coated.
- 3. Allow to cure.

CLEANUP

• Before hardening, *Mapefloor PU Primer* may be removed from surfaces, tools, clothing, etc., with toluene or xylene. After hardening, it may only be removed mechanically.



LIMITATIONS

- Do not use on dusty or flaky surfaces.
- Do not use on surfaces that are damp.
- Do not use on surfaces that are dirty with oil, grease or stripping compounds; the bonding could be compromised.
- Do not use on bituminous surfaces where the bleeding of oil may be present.
- Do not apply if the temperature is lower than 41°F (5°C).
- Installation of the polyurethane basecoat must be completed over *Mapefloor PU Primer* within 24 hours of initial application. If this time elapses, solvent-wipe with xylene and reapply *Mapefloor PU Primer*.



Product Performance Properties

Laboratory Tests	Results
Solids content	100%
Viscosity of mixture (#3 at 50 rpm)	Approximately 500 cps
Viscosity of Part A (#3 at 50 rpm)	Approximately 750 cps
Viscosity Part B (#2 at 50 rpm)	Approximately 100 cps
Density of Part A	0.9754 g per cm ³
Density of Part B	1.200 g per cm ³
Density of mixture	1.10 g per cm ³
Pull-off adhesion/bond strength – ASTM D7234	
At 28 days	> 400 psi (2.76 MPa) with failure in concrete substrate
VOCs (Rule #1168 of California's SCAQMD)	0 g per L
Flash point (Seta flash)	> 199°F (93°C)

Shelf Life and Product Characteristics before mixing

Shelf life	1 year in original, unopened container. Store at 40°F to 95°F (4°C to 35°C).
Chemistry	2-part, 100%-solids polyurethane
Consistency	Pourable liquid
Color	Part A: Transparent yellow
	Part B: Transparent amber

Application Properties

Pot life at 73°F (23°C)	35 minutes
Drying time at 73°F (23°C)	4 to 6 hours

CSI Division Classification

Dampproofing and Waterproofing	07 10 00
--------------------------------	----------

Packaging

Size
Pail: Part A, 1.79 U.S. gals. (6.78 L)
Pail: Part B, 1.82 U.S. gals. (6.89 L)

Approximate Coverage*

Thickness	Coverage						
WFT of 3 to 5 mils	320 to 530 sq. ft. per U.S. gal. (7.84 to 13.0 m² per L)						

* Coverage rates may vary based on porosity and surface profile.







Refer to the SDS for specific data related to health and safety as well as product handling.

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at

www.mapei.com. ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.

Before using, the user must determine the suitability of our products for the intended use,

and the user alone assumes all risks and liability. 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.**



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

1-888-365-0614 (U.S. and Puerto Rico) 1-800-361-9309 (Canada)

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

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

Edition Date: January 20, 2021 MK 3000407 (20-3568)

For the most current product data and BEST-BACKED[™] warranty information, visit www.mapei.com. All Rights Reserved. © 2021 MAPEI Corporation.



June 24, 2021

Please find the following addendum to the below mentioned Quote.

Addendum No.: 1

Bid#: 21-36-1

Project Name: JC Parking Garage Roof Repair

Bid Due Date: Thursday, July 08, 2021

GENERAL INFORMATION:

- 1. The Mandatory Pre-Proposal Conference was held on June 22, 2021, at 10:00 am. The sign-in sheet (Attached).
- 2. At Part II-DELETE Section 2.1-Scope of Work/Services ADD Section 2.1 *REVISED* The section of the garage roof area to be repaired and coated is approximately 19,875 sq. ft. The mechanical area & two compact parking spaces on the Southside are NOT to be included in this project. *ADD*-The expansion joints included in the project line #1 through #13, Eastside curb, and Westside curbs & top of the island, reference Attachment A- *Revised* "Roof Dimensions Area Photo". The expansion joints total approximately 1,800 linear feet and must be re-caulked per the waterproofing specifications in Attachment "A" Project Specifications.
- 3. Attachment "A"– *DELETE* Roof Dimensions Area Photo and *ADD* revised "Roof Dimensions Area Photo". (Attached).

QUESTION AND ANSWER:

Question 1:	How many days are in the project?
Answer 1:	The time period to complete the work shall be sixty (60) calendar days from the Notice to Proceed issued by the Parish.
Question 2:	Does all of the painted gray area need to be shot blasted?
P.O. BOX 628	PROCUREMENT DEPARTMENT COVINGTON, LOUISIANA 70434 PROCUREMENT@STPGOV.ORG 985-898-2520

WWW.STPGOV.ORG

- Answer 2: Yes, the existing gray coating needs to be shot blasted for the new product to adhere properly per the specifications.
- Question 3: Do all of the joints need to be recaulked?
- Answer 3: Per Attachment "A" Revised Roof Dimensions Area Photo, expansion joint lines # 1 through #13, the front curb and the rear island need to be recaulked where necessary for waterproofing the office area underneath the deck before the coating is applied.
- Question 4: Does the parking spaces and curbs need to be repainted?
- Answer 4: No, the parking spaces and curbs do not need to be repainted.

ATTACHMENTS:

- 1. Part II: Section 2.1-Scope of work/Services Revised.pdf
- 2. Mandatory Pre-Bid Sign-in Sheet.pdf
- 3. Attachment "A" Roof Dimensions Area Photo- Revised.pdf

End of Addendum #1

PART II: SCOPE OF WORK/SERVICES REVISED

2.1 Scope of work/Services

This section describes the requirements for installing a liquid applied, traffic-bearing, waterproof membrane on the 3rd floor deck of the St. Tammany Parish Justice Center Parking Garage, 601 N. Jefferson Street, Covington, LA 70433, Section 41, Township 06S, Range 11E. This membrane shall be suitable for heavy duty, waterproof, wear surfaces such as automobile parking decks and traffic ramps. The proposed roof repair and application of a waterproofing membrane shall be suitable for heavy-duty wear surfaces such as automobile parking decks and traffic ramps.

The section of the garage roof area to be repaired and coated is approximately 19,875 sq. ft. The mechanical area & two compact parking spaces on the South side are NOT to be included in this project. The expansion joints included in the project are lines #1 through #13, East side curb, and West side curbs & top of island on Attachment A "Roof Dimensions Area Photo Revised". The expansion joints total approximately 1,800 linear feet and must be recaulked per the waterproofing specifications in Attachment "A".

Contractor can perform work during normal daily operations.

Please see attachment "A" for product material submittal specifications data and roof dimensions area photo.

A mandatory pre-proposal conference will be held at the site location on Tuesday, June 22nd, 2021 at 10:00 A.M., for proposer interested to inspect the site and the conditions affecting the work to be performed.

A Quote Guarantee **is not** required for this project.

Any work that may be reasonably inferred from the specifications or drawings as being required to produce the intended result shall be supplied whether or not it is specifically called for. Work, materials or equipment described herein which so applied to this project are covered by a well-known technical meaning or specification shall be deemed to be governed by such recognized standards unless specifically excluded.

Tuesday, 6/22/21 Day, Month, Date

12	11	10	9	00	7	6	5			3	C	-	70	T
								sar legan	Dimmy Miller	2-140 ANY-C	amie Lehr	Name	601 N. Jefferson, Cavington LA. 70433	Location
								Westing Idutions	United Kestoration & Proservation	Kedox	Likeshore Rooting & Construction, Inc.	Company	JC Parking Garage Roof	Pre-Proposal Sign-In Sheet
							(cpagan Prostingsolutions la. co	Jamesme URPINC. com	50	guy a latestone roofing inc. com	Email	ge Roof Repair	Sign-In Sheet
								Com 225 3641201	504-427-6503	985-502-1739 9:50	504-615-0820	Phone		
								9:59	1:50	9:50	9:45	Time In		
								10:05	10:05	1	10:05	Time Out		

Page 1 of 2

