

HD-250 – CEMENT BASE/PMA

250mil HYBRID POLYMER CEMENT FLUID APPLIED WATERPROOFING

**SECTION 07 50 30 – HD-250 – CEMENT BASE/POLYMER MODIFIED FLUID APPLIED WATERPROOFING****PART I: GENERAL****1.01 Section Includes**

- A. The General Conditions, the Supplementary Conditions, the Instructions to Bidders and Division One General Requirements shall be read in conjunction with and govern this section.
- B. The Specification shall be read as a whole by all parties concerned. Each Section may contain more or less than the complete work of any trade. The Contractor is solely responsible to make clear to the Subcontractors the extent of their work.

1.02 Description

- A. Supply labor, materials, tools and equipment to complete the Work as shown on the Drawings and as specified herein including, but not limited to the following:
 - 1. Sloped Plywood Balcony Decks (by others)
 - 2. Pli-Dek Base Coat Assembly
 - 3. Polymer Modified Fluid Applied Waterproofing Membrane
 - 4. Protection Course
 - 5. Drainage Composite

1.03 Related Work

- A. Division 2 Site Work
- B. Division 3 Concrete Structural
- C. Division 4 Masonry
- D. Division 5 Structural Steel
- E. Division 6 Rough Carpentry Thermal
- F. Division 7 Sealants & Flashings
- G. Division 15 Mechanical

1.04 References

- A. ASTM C109: Compressive Strength of Hydraulic Cement Mortars -- Refers to 6,000 psi construction coat
- B. ASTM C 836: High Solid Content, Cold Fluid Applied Waterproofing Membrane

1.05 Submittals

- A. Prior to commencing the Work, submit shop drawings for the installation of the Pli-Dek HD 250 Waterproofing System and accessories.
- B. Prior to commencing the Work, submit manufacturers complete set of standard details for Pli-Dek HD 250 Waterproofing System.

1.06 Quality Assurance

- A. Perform Work in accordance with the printed requirements of the membrane manufacturer and this specification. Advise designer of any discrepancies prior to commencement of the Work.
- B. Maintain one copy of manufacturer's literature on site throughout the execution of the Work.
- C. At the beginning of the Work and at all times during the execution of the Work, allow access to site by the waterproofing membrane manufacturer's representative.
- D. Materials used in this Section including primers, sealants and membranes, protection course, composite drainage boards and expansion joint membranes shall be fully compatible and shall be sourced and or produced by one manufacturer.
- E. Pre-construction jobsite meeting between the owner's representative, general contractor, waterproofing subcontractor, Pli-Dek representative, mechanical subcontractors; to walk the prepared surface and observe the conditions to receive the waterproofing system.

1.07 Delivery, Storage and Handling

- A. Deliver materials to the job site in undamaged and original packaging indicating the name of the manufacturer and product.
- B. Cold fluid applied waterproofing membrane should be stored in closed containers.
- C. Store membrane at temperature of 40 degrees F and above to facilitate handling.
- D. Store adhesives and primers at temperatures of 40 degrees F and above to facilitate handling.
- E. Keep solvents away from open flame or excessive heat.



1.08 Environmental Requirements

- A. Store products in heated location until needed when temperatures fall below 50 degrees F.
- B. Minimum working temperatures shall take into consideration a factor for wind chill. Application temperature shall be considered to be the temperature minus half of the wind speed as recommended by the National Roofing Contractors Association (NRCA).

1.09 Coordination

- A. Ensure continuity of the waterproofing membrane throughout the scope of this section.
- B. Work shall be so scheduled as to provide a watertight seal at the end of each working day on the areas worked upon during the day.

1.10 Site Conditions

- A. Environmental Requirements:
 - 1. No installation work shall be performed during rainy or inclement weather and on frost or wet covered surfaces.
- B. Protection:
 - 1. Provide adequate protection of materials and work of this section from damage by weather backfilling operations and other causes.
 - 2. Protect work of other trades from damage resulting from work of this section. Make good such damage at own expense to satisfaction of the consultant.
 - 3. Apply protection course as soon as possible after installation of membrane.

1.11 Warranty

- A. Contact Pli-Dek Systems, Inc for warranty information.

PART II: MATERIALS

2.01 Materials

- A. Roof waterproofing membrane components and accessories must be obtained as a single-source from the membrane manufacturer to ensure total system compatibility and integrity.
- B. Acceptable Manufacturer: Pli-Dek Systems, Inc.
 - 41610 Date Street # 104
 - Murrieta, CA 92562
 - 800-364-0287
 - Web Site: www.Plidek.com

2.02 HD-250 Waterproofing Membrane (Basis-of-Design)

- A. Primary cold fluid applied waterproofing membrane shall be PD-PMA Cold Fluid Waterproofing Membrane manufactured by Pli-Dek Systems, Inc.; a cold fluid applied waterproofing having the following characteristics:

HD-250 – Base Waterproofing System

- 1. GU80-1 Base Coat (gray): A Portland cement and silicon dioxide composition that is to be mixed with GU80-1 Liquid Admixture
- 2. GU80-1 Liquid Admixture: An acrylic polymer emulsion
- 3. G60 Galvanized Metal Lath
- 4. Plywood Joint Seam Tape

PMA – Polymer Modified Fluid Applied Waterproofing Membrane

- 1. Conforms to ASTM C 836
- 2. Can be applied to “green” concrete
- 3. No VOC

2.03 Filter Fabric

- A. Contact Pli-Dek Systems, Inc for recommendation of the use of a filter fabric as a walk able separation Sheet.
- B. (Basis-of-Design) Embed a filter fabric material into the top of the specified coating system. This course is used to protect the membrane during the curing process from trade debris.

2.03 Joint Treatment and Fabric Reinforcement Mesh

- A. Joint Treatment and Reinforcement Mesh, open weave glass fabric yarn saturated with synthetic resins complying with ASTM D1668, Type I, shall be Pli-Dek PD-2014 Reemay Fabric manufactured by Pli-Dek Systems, Inc.



2.04 Expansion Transition Joints

- A. Exposed flashings and expansion joint membrane shall be PD Neoprene Flashing having a minimum thickness of 60 mils, manufactured by Pli-Dek Systems, Inc.

2.05 Exposed Membrane Flashing

- A. Contact Pli-Dek Systems, Inc for job specific requirements.

2.06 Polyurethane Termination Sealant

Termination Sealant shall be a moisture cure, polyurethane sealant; medium modulus polymer modified sealing compound having the following physical properties:

1. Compatible with sheet air barrier, roofing and waterproofing membranes and substrate
2. Complies with Fed. Spec. TT-S-00230C, Type II, Class A
3. Complies with ASTM C 920, Type S, Grade NS, Class 25
4. Remains flexible with aging.

2.07 Protection Course

- A. Waterproofing accessories must be obtained from an acceptable manufacturer to ensure total system compatibility and integrity.

1. Acceptable Manufacturers:
 - a. APOC 5520 Protection Panels
West Coast – 813.248.2101
East Coast – 562.432.6471
 - b. PB4 Board – 800.241.4402

2.08 Termination Bars

- A. Termination bars shall be continuous aluminium, stainless steel or galvanized metal, 1/8" x 1" in size and shall be pre-drilled for non-corrosive screw attachment on a maximum of 8" o.c.

2.09 Prefabricated Drain Board

- A. Contact Pli-Dek Systems, Inc for job specific requirements.

2.05 Sheet Metal Flashing

- A. "L" Flashing and Perimeter Flashing:
 5. 26 gauge G60 galvanized sheet metal
 6. 302 stainless steel, shall be pre-drilled for non-corrosive screw attachment as required
 7. 0.032 aluminum sheet metal

2.06 Counter Flashing

- A. Counter Flashing, to match the material as installed of sheet metal flashing.

PART III: EXECUTION

3.01 Examination

- A. No observations of the existing conditions was performed prior to demolition, nor was destructive testing incorporated. The information attained is considered preliminary. This project will require an additional inspection report after demolition is performed that will supersede the observations and will be based on the conditions exposed that currently cannot be evaluated. Representatives of the School, Consultants, Architect, General Contractor, Sub-contractor(s) and Manufacturer's Representative are recommended to observe the conditions exposed in a Pre-Construction Meeting.
- B. Acceptable substrates are a minimum 16 mm, 5/8" (3/4" recommended) sound and dry, exterior grade sheathing, Contact Pli-Dek Systems, Inc. for applications over Oriented Strand Board (OSB).
- C. Verify that surfaces and conditions are ready to accept the work of this section. Commencement of the work or any parts thereof shall mean acceptance of the substrate.
- D. Voids, cracks, holes and other damages to horizontal or vertical surfaces shall be repaired before application of the membrane.
- E. Confirm the horizontal deck(s) are properly sloped to drain as required.

3.02 Footing/Foundation Walls, Junctures, Cracks in Slab and Protrusions

- A. Coat penetrations, such as brackets, clips, braces, etc. that are set into the concrete with a 45 mil coating of primary waterproofing membrane to the height of the wearing course and around projections to ensure a complete seal prior to coating the entire area.
- B. Penetrations subject to movement should be flashed with fabric reinforcement set into a minimum thickness of 45 mils of primary waterproofing membrane to required height on the wall and at least 4" on the slab, embed fabric reinforcement into wet coating followed by a second coat.



- C. To all cracks and cold joints less than 1/16", apply a coat of primary waterproofing membrane at a minimum thickness of 45 mils extending 3" on either side of joint, embed a 6" wide strip of joint treatment mesh and apply additional 45 mil coating of primary waterproofing membrane.
- D. To all cracks greater than 1/8", fill void with non-shrink cementitious patching material and allow to cure dry. Prime area and install self-adhered flashing membrane, extend 3" on either side of crack. Overlap end joint of sheet a minimum 3".
- E. At monolithic wall/slab junctures, apply a coat of primary waterproofing membrane at a minimum thickness of 45 mils extending 3" on either side of joint, embed a 6" wide strip of joint treatment mesh and apply additional 45 mil coating of primary waterproofing membrane.
- F. At non-monolithic wall/slab junctures, prime area, trowel-in fillet bead to inside corners and install PD-2014 Reemay Fabric to the required height on the wall and at least 4" on the slab. Lap over primary waterproofing membrane a minimum of 2".
- G. At footing to foundation wall junctions apply a coat of primary waterproofing membrane at a minimum thickness of 45 mils extending 3" on either side of joint, embed a 6" wide strip of PD-2014 Reemay Fabric joint treatment mesh and apply additional 45 mil coating of primary waterproofing membrane.

3.03 Preparation

- A. All surfaces must be sound, dry, clean and free of oil, grease, dirt, excess mortar, frost or other contaminants. Align substrate to provide an even plane and remove scaling or latent material on the substrate. Remove any foreign matter detrimental to the adhesion of the primary waterproofing membrane or membrane flashings.
 - 1. Completely remove all contaminants providing a clean structural surface.
 - 2. All vertical walls which require repair will be treated as required to repair the substrate. Patch with polyurethane sealant or sack and patch with cement for concrete or CMU walls as required.
 - 3. Insure all vertical surfaces are clean and contaminated free.
 - 4. Prepare the plywood deck surface to receive the Pli-Dek HD-250 Base Coat
 - a. Insure all joints are gapped a minimum of 1/8"
- B. New concrete should be cured for a minimum of 2 days and must be dry before waterproofing membranes are applied. Concrete in vented metal pan decks must be cured a minimum of 7 days.
- C. Concrete shall have a wood float finish with a light broom. Decks with a steel float finish must be sandblasted or equivalent prior to the application of the waterproofing system.
- D. Expansion joint assemblies should be in place prior to the application of the primary waterproofing assembly.
- E. Substrate preparation for Gypsum Sheathing and plywood:
 - 1. Mechanically fasten sheathing with self-tapping, non-corroding screws and 3" diameter metal plates spaced a maximum of 24" in either direction and to only the top flanges of the metal deck or as per sheathing board manufacturers written instructions.
 - 2. Lay sheathing with 1/8" butted joints. Joints occurring along the widths of the sheathing to be continuously supported on the joist or top flange of the metal deck.
 - 3. Place polyurethane sealant in the joint between deck boards.
 - 4. Check tightness of joints and flatness of wood decking prior to proceeding with application of membrane. Ensure sheathing is continuously supported on framing.
 - 5. The joints between boards of plywood decks shall be treated with crack treatment membrane prior to the application PMA.
 - 6. Before application of primary waterproofing membrane, the substrate shall be clean and dry, free from surface water, ice, snow or frost, dust, dirt, oil, grease, of any other foreign matter detrimental to the adhesion of the waterproofing membrane.
 - 7. The contractor shall review all surfaces to receive the membrane and report any discrepancies prior to installing the waterproofing system.

3.03 Installation

- A. Open the joints in the plywood deck per APA recommendations (1/8 inch), and cover with Pli-Dek Seam Tape (centered over joint).
- B. Wipe with a brush surface to remove dust and contaminants from the surface of the flashing. Wipe the metal surface with solvent; MEK/Acetone/Xylene/Xylol/Alcohol or Vinegar.
- C. Install the wall to deck "L" and perimeter flashing and secure as required.
- D. Place the G60 Galvanized Metal Lath with 3/4" overlaps and staple the lath with coated Crown Staples (1" x 5/8") installed 1 1/2" o.c. on overlap seams and twelve (12) staple per square foot in the field. Mechanically attach the perimeters to the flashing with non-corrosive fasteners with two (2) rows staggered at 4" o.c.



- E. GU80-1 Base Coat Mix (Gray). Mix 1 bag of GU80-1 Base Coat with 1 gallon of GU80-1 Liquid Admix, using a paddle mixer for four (4) minutes or until the material is thoroughly mixed. Place the GU80-1 Base Coat Mix to the expanded metal lath at the rate of 30 square foot per bag mix.

3.04 Installation of Crack Treatment and Flashings

- A. Joint Treatment for Precast Concrete Deck:
1. Reinforce joints along length of concrete deck units with a minimum 12" wide strip of fabric reinforcement embedded into an 18" wide by 45 mil thick coating of the primary membrane.
 2. At joints occurring along the width of the precast units reinforce with a minimum 12" wide strip of crack treatment membrane embedded into an 18" wide by 45 mil thick coating of the primary membrane.
- B. Deck to Vertical Junctures:
1. Place a $\frac{3}{4}$ x $\frac{3}{4}$ " fillet of polyurethane sealant at the juncture of the wall/deck.
 2. Apply a 45 mil thick coating of the primary waterproofing membrane extending 4" onto horizontal and vertical faces.
 3. Embed flashing sheet flat into wet membrane extending a minimum of 3" out onto the horizontal and vertical surfaces, avoid wrinkles or fish mouths.
 4. When height of flashing sheet exceeds 12" mechanically attach the flashing sheet to vertical surface with metal termination bar. Lap flashing sheets a minimum of 3" on end laps and bond with 45 mils thick coating of primary membrane.
- C. Crack Treatment:
1. Seal cracks and joints up to 1/8" in width with a 12" wide by 45 mil thick coating of the primary membrane and a 6" wide strip of fabric reinforcement centered over the joint.
 2. Seal cracks and joints more than 1/8" in width detail crack apply approved polyurethane sealant followed by a 30 mil detailed coat of cold applied waterproofing membrane, embed a 4" wide strip of PD-2014 Reemay Fabric complete with specified system on top.
- D. Membrane Flashing at Drains:
1. Metal Penetrations require wire brush cleaning, to bright metal condition, to remove all rust and contaminates. Wipe the brush surface to remove dust and contaminates. Wipe the metal surface with solvent; MEK/Acetone/Xylene/Xylol/Alcohol or Vinegar.
 2. Plastic Penetrations require sanding to clean the surface condition, to remove all rust and contaminates. Wipe the sanded surface to remove dust and contaminates. Wipe the plastic surface with solvent; MEK/Acetone/Xylene/Xylol/Alcohol or Vinegar.
 3. Coat areas around the drains with a 30 mil thick coating of primary membrane.
 4. Place PD-2014 Reemay Fabric over the coated drain flange and extending a minimum 6" around the flange.
 5. Apply a second coat of 45 mil thick elastomeric membrane over the flashing sheet.
 6. Apply clamping ring exerting sufficient pressure to affect a seal between clamping ring and membrane. Temporarily block all drains during the application of ballast, or other materials that might block the drains. Remove blocking when work is not in progress and upon completion.
- E. Membrane Flashing at Protrusions:
1. Metal Penetrations require wire brush cleaning, to bright metal condition, to remove all rust and contaminates. Wipe the brush surface to remove dust and contaminates. Wipe the metal surface with solvent; MEK/Acetone/Xylene/Xylol/Alcohol or Vinegar.
 2. Plastic Penetrations require sanding to clean the surface condition, to remove all rust and contaminates. Wipe the sanded surface to remove dust and contaminates. Wipe the plastic surface with solvent; MEK/Acetone/Xylene/Xylol/Alcohol or Vinegar.
 3. At mechanical vent protrusions and pipe penetrations provide PD-2014 Reemay Fabric set into a 45 mil thick coating of CR waterproofing membrane.
 4. Embed PD-2014 Reemay Fabric with finger cuts going up the penetration to the full height of the base coat and 2" onto the structural deck.
 5. Apply 45 mils of CR to the penetration a minimum of 2" above the finish deck elevation and a minimum of 6" on the structural concrete deck.
 6. Overcoat and seal with membrane. Apply a minimum of 45 mils of CR over the treated area.
 7. Install clamps and hoods as required.
 8. Where PMA-UV is to be applied to extend above the finish surface, extend the base layer of CR and PD- 2014 Reemay Fabric above the finish slab elevation a minimum of 2". Allow the CR to fully cure.
 9. Apply 2 layers of PMA-UV at 55 mils and allow the 1st coat to fully cure prior to application of the 2nd coat of 55 mils.
 10. Extend the PMA-UV over the CR with a minimum 3" overlap.



- F. Expansion Joints: Expansion joint assemblies should be in place prior to the application of the primary waterproofing assembly:
 - 1. Properly prepare and installed required sealant and backer rod in the Expansion Joint prior to the installation of the waterproofing membrane. Elastomeric sheet membrane can be applied in a 60 mil bed of primary waterproofing membrane. Place elastomeric sheet membrane into primary liquid membrane. Coat the elastomeric sheet with 60 mils of the primary waterproofing membrane and extend the membrane a minimum of 6" beyond the elastomeric sheet on the adjacent concrete surface.
 - 2. Loop PD Neoprene Flashing elastomeric sheet membrane down into expansion joint, embedded into a 60 mil thick layer of primary waterproofing membrane. Ensure that the depth of loop is a minimum 1½".
 - 3. Extend PD Neoprene Flashing elastomeric sheet membrane minimum of 3" on each side of joint. Seal end joints a minimum of 6" and seal with a 60 mil thick coat of membrane. Fill loop with membrane as required.
 - 4. Secure top of expansion joint membrane with continuous fixing bar at vertical wall locations.
- G. Membrane Flashing at Protrusions:
 - 1. Wall Juncture – ¾" fillet of sealant at the juncture of the wall.
 - 2. Penetrations – ¾" fillet of sealant at the intersection of the concrete deck and leg of the penetration.
 - 3. Drain Bowl – Apply sealant at the perimeter of all drain bowls to seal the bowl to the concrete deck surface.
- H. Plywood Seams and Metal Flashing:
 - 1. At plywood seams, metal flashing transitions and dissimilar transitions (excluding expansion joints) apply a detail strip 4-6" wide at 45 mils. Embed 4-6" strips of PD-2014 Reemay Fabric into membrane. Once detailing has been completed allow to cure and apply specified system over the detail areas.

3.05 PMA Polymer Modified Membrane Asphalt

- A. Vertical/Horizontal Standard Application
 - 1. Single Coat Application: Apply a full and continuous coat of primary waterproofing membrane with a trowel, long handled squeegee, roofing brush or spray. Apply membrane at a rate of 5 gal. U.S./100ft.² to provide a minimum wet thickness of 60 mils ensuring no pinholes or blisters. Allow membrane to fully cure/dry prior to subsequent application coatings.
 - 2. 90 mil Two Coat Application: Apply a full and continuous coat of primary waterproofing membrane with a trowel, long handled squeegee, roofing brush or spray. Apply first coat of membrane to provide a minimum wet thickness of 45 mils ensuring no pinholes or blisters. Allow membrane to cure/dry prior to second coat application of membrane to provide a minimum wet thickness of 45 mils ensuring no pinholes of blisters.
- B. High Build System
 - 1. Application of the first coat of Pli-Dek Waterproofing Membrane – PMA shall be installed by roller, trowel, or squeegee application at a rate of 60 mil (25 square feet per gallon) wet film thickness (WFT).
 - 2. Application of the PD-2014 Reemay Fabric into the wet PMA shall have overlaps of 2" minimum and end laps of 4". Stagger all end overlaps. Allow the first coat and Reemay to set a minimum of 24 hours prior to the installation of additional coats of PMA.
 - 3. Application of the second coat of Pli-Dek Waterproofing Membrane – PMA shall be installed by roller, trowel, or squeegee application at a rate of 60 mil (25 square feet per gallon) wet film thickness (WFT).

3.06 Curing and Protection

- A. Allow membrane to dry thoroughly. Protect from rain until fully cured. Allow membrane to fully cure prior to installing drainage composite, covering material or backfilling. Patch or repair damaged areas using same material as original coating.
- B. Protect cured membrane from damage caused by backfilling with drain boards prior to commencing backfill.

3.07 Flood Test

- A. Contractor shall flood test the system upon the completion of horizontal the 2 ply reinforced waterproofing membrane applications. (ASTM D 5957)
- B. Provide temporary stops and plugs for the roof drains within the test area.
- C. Flood test with minimum 2" of water for 24 hours.
- D. Repair and retest the system for no less than 24 hours, report all deficiencies to the Consultant.
- E. Remove temporary stops and plugs.



- F. No other Work is to proceed without prior direction from the Consultant.

3.08 Installation of Protection Course (Basis-of-Design)

- A. Waterproofing accessories must be obtained from an acceptable manufacturer to ensure total system compatibility and integrity.
 - 1. Acceptable Manufacturers:
 - a. APOC 5520 Protection Panels
West Coast – 813.248.2101
East Coast – 562.432.6471
 - b. PB4 Board – 800.241.4402

3.09 Installation of Drain Board (Vertical)

- A. Align and hang drainage up to foundation wall. Position the bottom edge of PD Drain Board to be in moderate contact with weeping tile system.
- B. Secure PD Drain Board to foundation wall with nails and washers spaced 16" o.c. horizontally. Install minimum of 2 rows staggered and spaced 6" apart and min 6" from top edge.
- C. Align and install termination strip along top edge with nails spaced 12" o.c. and seal with termination sealant.
- D. Align and install moulding strip over completed top edge detail.
- E. Overlap end laps; pull back loose fabric to expose drain core and position core of second panel over the overlap flange of first panel.
- F. Bend PD Drain Board to create inside corners and cut board to create outside corners, provide 3" of extra fabric to wrap corner.
- G. Stagger or offset joints of PD Drain Board sheets.
- H. Place all subsequent sheets in an overlapping single fashion.
- I. Backfill bottom edge in conjunction with weeping tile system.

3.10 Installation of Drainage Board (Horizontal)

- A. Install Specified PD Drain Board over insulation as indicated on the drawings.
 - 1. Clean horizontal surfaces of loose debris and unroll PD Drain Board fabric side up in the direction of maximum slope.
 - 2. Attach PD Drain Board with double sided tape or adhesive that is compatible with waterproofing.
 - 3. At overlaps, place adjacent panels so that cores abut.
 - 4. Secure the fabric overlap at 5' intervals with glue or tape. All core joints must be covered by fabric overlay.
 - 5. Place end panels so that cores abut, then glue or tape overlap.

3.11 Installation of Gravel Ballast or Concrete Pavers

- A. Installation of gravel ballast or concrete pavers to be completed after placement of curbs details as indicated on drawings.
- B. Spread gravel ballast uniformly over the installed filter fabric according to insulation manufacturer's recommendations.
- C. Place concrete pavers, where indicated, on pedestals, accurately aligned, and leveled with upper surface of pavers in plane with adjacent units. Cut pavers to fit irregularly shaped areas and around protrusions. Install according to manufacturer's instructions.

3.12 Electric Field Vector Mapping (EFVM) (Alternate to Flood Test)

- A. EFVM to be completed in conjunction with the completion of waterproofing and prior to placement of root barrier or any other overburden.
- B. International Leak Detection, or pre-approved test provider will need to be contacted several weeks in advance to coordinate schedule.
- C. In the event of a breach of the membrane, repair and retest the system for no less than 24 hours.
- D. Report results of testing to the Consultant and Pli-Dek Technical Representative. Remove temporary stops and plugs.

3.13 Field Quality Control

- A. Final Inspection and Approval:
 - 1. Final inspection of completed work shall be carried out by the owner's representative, the contractor, and Pli-Dek representative.

3.14 Clean-Up

- A. Promptly as the work proceeds and on completion, clean up and remove from the premises all rubbish and surplus materials resulting from the foregoing work.



- B. Clean to the consultant's approval, soiled surfaces, spatters, and damage caused by work of this Section.
- C. Check area drains to ensure cleanliness and proper function, and remove debris, equipment and excess material from the site.

END OF SECTION

Disclaimer

Information contained in this specification conforms to standard detail and product recommendations for the installation of the Pli-Dek products as of the date of publication of this document and is presented in good faith. Pli-Dek Systems, Inc. assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To insure that you are using the latest, most complete information, contact Pli-Dek Systems, Inc. at:

41610 Date St, Ste 104
Murrieta, CA 92562
Tel.: (800) 364-0287
Website: www.plidek.com

* The Trained Applicator Certificate indicates certain employees of the company have been instructed in the proper application of Pli-Dek products and have received copies of the Pli-Dek Application Instructions and Specifications. The Trained Contractor Program is not an apprenticeship. Each trained contractor is an independent company and bears responsibility for its own workmanship. Pli-Dek Systems Inc. assumes no liability for the workmanship of a trained contractor.

