## EVALUATION REPORT

**FLORIDA BUILDING CODE, 9TH EDITION (2026)**

*Issued August 5, 2026*

**Manufacturer:** SIPLAST, INC.
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Arkadelphia, AR 71923
(800) 643-7591
www.siplast.com

**Manufacturing Plants:** Arkadelphia, AR

**Quality Assurance:** UL LLC (QUA9625)

## SCOPE

**Category:** Roofing
**Subcategory:** Waterproofing
**Code Edition:** Florida Building Code, 9th Edition (2026) including High-Velocity Hurricane Zones (HVHZ)
**Code Sections:** 1504.3.1, 1507.11.2, 1515.1.1, 1515.1.4, 1519.16, 1523.1.1
**Properties:** Wind Resistance, Physical Properties

## PRODUCT DESCRIPTION

| Products | Specification | Description |
|---|---|---|
| Paradiene 20 SA | ASTM D 6163 | Base sheet for self-adhering applications |
| Paradiene 20 TS | ASTM D 6163 | Base sheet for torch adhering applications |
| Paradiene 20 TG | ASTM D 6163 | Base or ply sheet for torch adhering applications |
| Paradiene 20 TG F | ASTM D 6163 | Base sheet or ply sheet for torch adhering applications |
| Paradiene 20 EG TG | ASTM D 6163 | Base or ply sheet for torch adhering applications |
| Paradiene 20 HV TG | ASTM D 6163 | Base or ply sheet for torch adhering applications |
| Paradiene 20 HT TG | ASTM D 6163 | Base or ply sheet for torch adhering applications |
| Paratech Glass Base TG | ASTM D 6163 | Base or ply sheet for torch adhering applications |
| Paratech Glass Cap FR | ASTM D 6163 | Cap sheet for cold adhesive applications |
| Pro Base | ASTM D 6163 | Base or ply sheet for non-torch adhering applications |
| Pro Base TG | ASTM D 6163 | Base or ply sheet for torch adhering applications |
| Parapro Roof Membrane Resin | FM 4470 | PMMA resin used in reinforced waterproofing membrane systems |
| Teranap 1M G/S | ASTM D 6162 | Ply sheet for hot asphalt, cold adhesive or torch adhering applications in plaza deck systems. Requires overburden. |
| Teranap 1M Sand | ASTM D 6162 | Ply sheet for hot asphalt, cold adhesive or torch adhering applications in plaza deck systems. Requires overburden. |
| Terapro 220 Resin/Aggregate | ASTM C957 | PMMA resin and aggregate blend used in waterproofing membrane systems |
| Terapro PUR 3200 | ASTM C957 | Two component, hybrid aliphatic elastomeric polyurethane/urea used in waterproofing membrane systems |



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## REFERENCES

| Entity | Report No. | Standard |
|---|---|---|
| Atlantic & Caribbean Roof Consulting (TST4671) | ACRC 04-002 | TAS 114(D) (2011) |
| FM Approvals (TST1867) | 3027962 | FM 4470 (2022) |
| FM Approvals (TST1867) | 3029275 | FM 4470 (2022) |
| PRI Construction Materials Technologies (TST5878) | SRI-025-02-05 | TAS 114(D) (2011) |
| PRI Construction Materials Technologies (TST5878) | SRI-026-02-01 | ASTM D 1876 (2008); TAS 117(B) (1995) |
| PRI Construction Materials Technologies (TST5878) | SRI-037-02-01 | ASTM D 6163 (2021); TAS 110 (2000) |
| PRI Construction Materials Technologies (TST5878) | SRI-039-02-01 | ASTM D 6163 (2021); TAS 110 (2000) |
| PRI Construction Materials Technologies (TST5878) | SRI-041-02-01 | ASTM D 6164 (2021); TAS 110 (2000) |
| PRI Construction Materials Technologies (TST5878) | SRI-042-02-01 | ASTM D 6163 (2021); TAS 110 (2000) |
| PRI Construction Materials Technologies (TST5878) | SRI-042-02-02 | ASTM D 6163 (2021); TAS 110 (2000) |
| PRI Construction Materials Technologies (TST5878) | SRI-047-02-01 | ASTM D 6164 (2021); TAS 110 (2000) |
| PRI Construction Materials Technologies (TST5878) | SRI-058-02-01 | FM 4474 (2020); TAS 114(D) (2011) |
| PRI Construction Materials Technologies (TST5878) | SRI-059-02-01 | FM 4474 (2020); TAS 114(D) (2011) |
| PRI Construction Materials Technologies (TST5878) | SRI-075-02-01 | FM 4474 (2020); TAS 114(D) (2011) |
| PRI Construction Materials Technologies (TST5878) | SRI-078-02-01 | FM 4474 (2020); TAS 114(D) (2011) |
| PRI Construction Materials Technologies (TST5878) | SRI-093-02-01 | FM 4474 (2020); TAS 114(D) (2011) |
| PRI Construction Materials Technologies (TST5878) | SRI-104-02-01 | ASTM D 6163 (2021); TAS 110 (2000) |
| PRI Construction Materials Technologies (TST5878) | SRI-106-02-01 | ASTM D 6163 (2021); TAS 110 (2000) |
| PRI Construction Materials Technologies (TST5878) | SRI-127-02-01 | ASTM D 6162 (2021); TAS 110 (2000) |
| PRI Construction Materials Technologies (TST5878) | SRI-128-02-03 | ASTM D 6162 (2021); TAS 110 (2000) |
| PRI Construction Materials Technologies (TST5878) | 824T0020 | ASTM D 6163 (2021); TAS 110 (2000) |
| PRI Construction Materials Technologies (TST5878) | 824T0028 | ASTM E 2322 [2003(2015)] |
| PRI Construction Materials Technologies (TST5878) | 824T0171 | FM 4474 (2020) |
| PRI Construction Materials Technologies (TST5878) | 824T0185 | FM 4474 (2020); TAS 114(D) (2011) |
| PRI Construction Materials Technologies (TST5878) | 824T0191 | FM 4474 (2020); TAS 114(D) (2011) |
| PRI Construction Materials Technologies (TST5878) | 824T0194 | ASTM C957/C957M (2017) |
| PRI Construction Materials Technologies (TST5878) | 824T0199 | FM 4474 (2020) |
| PRI Construction Materials Technologies (TST5878) | 824T0202 | FM 4474 (2020); TAS 114(D) (2011) |
| PRI Construction Materials Technologies (TST5878) | 824T0203 | ASTM C957/C957M (2017) |
| PRI Construction Materials Technologies (TST5878) | 824T0046 | ASTM D 6163 (2021); TAS 110 (2000) |
| PRI Construction Materials Technologies (TST5878) | 824T0047 | ASTM D 6163 (2021); TAS 110 (2000) |
| PRI Construction Materials Technologies (TST5878) | 243A0001 | CAN/CGSB-37.50-M89 (1989) |
| Trinity ERD (TST11294) | SPL-SC6940.06.15 | Physical Properties |
| Trinity ERD (TST11294) | S31630.05.10 | ASTM D 6163 (2021) |

## LIMITATIONS

1. Fire classification is not within the scope of this evaluation.
2. The roof deck and the roof deck attachment information are provided based on testing. FBC requirements for the rational design of the roof deck, including the attachment, are not within the scope of this evaluation.
3. Foam plastic insulation shall be installed in accordance with the FBC Section 2603.4 and 2603.6.
4. In the HVHZ, fastener spacing for insulation attachment is determined using a Minimum Characteristic Force (F') of 275 lbf as demonstrated via testing to TAS 105. If the field tested fastener value is below 275 lbf, then insulation attachment shall not be acceptable.
5. In the HVHZ, fastener spacing for base sheets or membrane attachment shall meet the minimum fastener resistance value and the *MDP* for the specified roof system. It is permissible for a qualified professional to submit a revised fastener spacing utilizing the withdrawal resistance value obtained from TAS 105 testing and calculations performed in accordance with RAS 117 and/or RAS 137, when the fastener resistance is found less than required.
6. In the HVHZ, if mechanical attachment through the lightweight insulating concrete to the structural deck is proposed, a field fastener withdrawal test shall be conducted in compliance with TAS 105 to determine equivalent or increased attachment densities. Revised fastener densities shall be submitted utilizing the withdrawal resistance value obtained from TAS 105 testing and calculations performed in accordance with RAS 117 and/or RAS 137.
7. **HVHZ:** For assemblies containing mechanical attachment, the allowable uplift pressure for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16. The attachment density may be increased by a qualified design professional, as necessary, to meet the design pressure requirements in the periphery zones. Calculations shall be conducted in compliance with RAS 117 and/or RAS 137.



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**Non-HVHZ:** For assemblies containing mechanical attachment or adhered in ribbon-applied adhesive, the allowable uplift pressure for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16. The attachment density may be increased by a qualified design professional, as necessary, to meet the design pressure requirements in the periphery zones. Calculations shall be conducted in compliance with RAS 117, RAS 137, or Section 2.2.10.1 FM LPDS 1-29 (February 2020).

8. Reroofing applications shall be examined in accordance with FBC Section 1511 outside of the HVHZ and FBC Section 1521 within the HVHZ. For mechanically fastened systems, a field withdrawal resistance test (TAS 105 in the HVHZ; ANSI/SPRI FX-1 or TAS 105 in the non-HVHZ) shall be conducted by a qualified professional to ensure the fastener meets the minimum design load requirements of the system. For adhered systems, a field uplift resistance test (TAS 124 in the HVHZ; ASTM E 907, FM LPDS 1-52, ANSI/SPRI IA-1, or TAS 124 in the non-HVHZ) shall be conducted to confirm conformance of the existing to the minimum design loads.
9. **HVHZ:** For assemblies containing fully adhered or ribbon adhered attachment, or where extrapolation of the assembly is not permitted, the *MDP* for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16 without augmentation.
   **Non-HVHZ:** For assemblies adhered in ribbon-applied adhesive, the allowable uplift pressure for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16. The attachment density may be increased by a qualified design professional, as necessary, to meet the design pressure requirements in the periphery zones. Calculations shall be conducted in compliance with Section 2.2.10.1 FM LPDS 1-29 (July 2022).
10. Exterior elevated flooring systems listed in **APPROVED ASSEMBLIES** have been evaluated using ANSI/FM 4474 and TAS 114 for the uplift resistance of the overburden attachment only. Other requirements of section 3115 are not within the scope of this approval.
11. Installation of the evaluated products shall comply with this report, the FBC, and the manufacturer's published application instructions. Where discrepancies exist between these sources, the more restrictive and FBC compliant installation detail shall prevail.
12. The minimum roof slope shall be 1/4:12 for new construction.
13. The AHJ may require integrity flood testing (ASTM D 5957) or Electric Field Vector Mapping tests of all waterproofing systems prior to placement of the overburden material. Testing, if required, should be conducted by a qualified design professional. In the HVHZ, the waterproofing system shall be flood tested in accordance with Section 1519.16.6.
14. FBC Section 1504.3.1.1 is not within the scope of this evaluation.
15. Materials shall conform to FBC Section 1711 as well as FBC Section 1506 outside of the HVHZ and FBC Section 1517 within the HVHZ.
16. All products listed in this report shall be manufactured under a quality assurance programs in compliance with Rule 61G20-3.



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## COMPLIANCE STATEMENT

This report has been prepared in accordance with F.A.C. Rule 61G20-3.

ZACHARY R. PRIEST
LICENSE
No 74021
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

**This item has been digitally signed and sealed by Zachary R. Priest, PE, on 8/5/2026.**

**Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.**

Digitally signed by Zachary R. Priest
2026.08.05 14:18:16 -04'00'

Zachary R. Priest, P.E.
Florida Registration No. 74021
Organization No. ANE9641

## CERTIFICATION OF INDEPENDENCE

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

CREEK Technical Services, LLC is not owned, operated, or controlled by any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

## APPENDICES

1) APPENDIX A – Installation, Nomenclature and Approved Assemblies (5 pages)



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## INSTALLATION

*Note - Refer to the **APPROVED ASSEMBLIES** section of this report for specific installation details of a selected assembly.*

Unless otherwise specified in this report the following installation details shall be met for the named products:

| Component | Product | Installation Detail |
|---|---|---|
| Primers | PA-917 Asphalt Primer | Applied at a rate of 100ft$^2$/gal |
| | PA-1125 primer | Asphaltic based ASTM D 41 primer applied at a rate of 100-400 ft$^2$/gal |
| | Pro Primer E | Applied at a rate of 0.046 kg/ft$^2$ |
| | Pro Primer T Resin | PMMA resin catalyzed with Pro Catalyst to form PMMA primer applied at a rate of 3.7 kg/100 ft$^2$ |
| | Pro Primer W Resin | PMMA resin catalyzed with Pro Catalyst to form PMMA primer applied at a rate of 3.7 kg/100 ft$^2$ |
| Liquid Applied Membrane Systems | Parapro Roof Membrane Resin | Membrane System applied as follows:<br>- Resin applied at a min. rate of 19 kg/100-ft$^2$<br>- Pro Fleece Reinforcement<br>- Resin applied at a min. rate of 12 kg/100-ft$^2$ |
| | Terapro 220 | Membrane System applied as follows:<br>- Resin/aggregate blend applied at a min. 45 mils thickness |
| | Terapro PUR 3200 | Membrane System applied as follows:<br>- Base coat applied at a min. rate of 130-ft$^2$/gal<br>- Top coat applied at a min. rate of 130-ft$^2$/gal<br>- Perma color quartz granules broadcast until refusal into the wet top coat |
| PA-750 HRA | PA-750 Hot Rubberized Waterproofing Asphalt | Waterproofing system applied as follows:<br>-Base coat applied at 90 mils<br>-PA-750 Reinforcing Fabric embedded in hot asphalt<br>-Top coat applied at 120 mils<br>-Paratech Glass Cap FR laid in hot asphalt |
| Ply Sheets | Paradiene 20 SA | Self-adhered to substrate |
| | Pro Base | Min. 3-inch heat welded side laps; Torch adhered to substrate |
| | Pro Base TG | |
| | Paradiene 20 TS | |
| | Paradiene 20 TG | |
| | Paradiene 20 TG F | |
| | Paradiene 20 EG TG | |
| | Paradiene 20 HV TG | |
| | Paradiene 20 HT TG | |
| | Paratech Glass Base TG | |
| Cap Sheets | Teranap 1M G/S | Min. 4-inch heat welded side laps; Torch adhered to substrate |
| | Teranap 1M Sand | |
| Insulation Adhesives | Parafast 1-Step | Applied in 0.75 to 1-inch wide continuous ribbons |
| Lightweight Insulating Concrete | Min. 300 psi Insulcel | Installed over Structural Concrete; Slurry coat min. 1/8-inch thick; Min. 1-inch thick Insulperm board; Min. 2-inch top coat; $f'_c \geq$ 300 psi at 28 days |
| | Min. 300 psi Insulcel with RT pellets | Installed over Structural Concrete; Slurry coat min. 1/8-inch thick; Min. 1-inch thick Insulperm board; Min. 2-inch top coat; RT pellets applied at a rate of 4lbs/100 ft$^2$ immediately after screeding. $f'_c \geq$ 300 psi at 28 days |
| Mortars | Mapei Porcelain Tile Mortar | Applied with ½-inch x ½-inch x ½-inch square notch trowel |
| | Mapei Floor and Wall Tile Mortar with Mapei Polymer Additive | |
| | VersaBond Fortified Thin-Set Mortar | |
| | ANSI A118.1 portland cement thin-set mortar | Applied with ¼-inch x ¼-inch x ¼-inch square notch trowel |



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## APPENDIX A

### NOMENCLATURE

The following naming conventions are utilized to specify products in the **APPROVED ASSEMBLIES** section of this report. Refer to the nomenclature below when deciphering the allowable products for use in the selected assembly. Installation requirements shall be as noted in the **APPROVED ASSEMBLIES** and **INSTALLATION** section of this report.

| Name | Definition |
|---|---|
| *Concrete Deck* | Designed by others in accordance with FBC requirements; Min. $f'_c$ = 2,500 psi at 28 days |
| *LWIC* | Poured-in-place Cellular Lightweight Concrete with encapsulated insulation board |
| *MDP* | Maximum Design Pressure |
| *Torched Ply* | Paradiene 20 TG, Paradiene TG F, Paradiene 20 HV TG, Paradiene HT TG or Paradiene 20 EG TG, fully bonded by torch adhering |



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## APPENDIX A

### APPROVED ASSEMBLIES

The following notes shall be observed when using the waterproofing systems from the tables below.

1. *MDPs* were calculated using a 2:1 margin of safety per FBC Sections 1504.9 and 1523.4.
2. Refer to **LIMITATIONS and NOMENCLATURE** section of this evaluation when using the table(s) below.
3. Refer to **PRODUCT DESCRIPTION & APPLICATION** section of this report for installation detail when the information is not explicitly stated for the selected roof system.
4. The on-center (o.c.) spacing given is the maximum allowable attachment spacing for the rated system.
5. Overburden of waterproofing assembly with exterior elements, such as soil, concrete slab, independent exterior elevated flooring systems, etc., that do not form a part of the load path shall be *Approved* separate from this evaluation by the Authority Having Jurisdiction. The *MDP* given is for the wind uplift performance of the waterproofing assembly only.

| **Assemblies with Adhered Membranes over Concrete Deck (New or Existing)** | | | | | |
|---|---|---|---|---|---|
| System No. | Deck Detail | Waterproofing System | | Overburden | *MDP* (psf) |
| | | Ply Sheet | Cap Sheet | | |
| A-1 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-1125 primer | *Torched Ply* | Teranap 1M Sand | OPTIONAL 1-inch, min. 40 psi XPS insulation board loose-laid under min. 2-inch thick slab of min. 3000 psi concrete | **N/A** |
| A-2 | Min. 3000 psi *Concrete Deck* primed with OPTIONAL Siplast PA-1125 primer | *Torched Ply* | Teranap 1M Sand | 24-inch x 24-inch x 2-inch thick Hanover Concrete Pavers secured using Hanover Guardian Paver and Pedestal System. Pedestals fully adhered to Cap Sheet in full bed of PS-715 NS Elastomeric Sealant | **-65 (Lim. 9)** |
| A-3 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-917 Asphalt Primer | *Torched Ply* | Teranap 1M G/S | 24-inch x 24-inch x 2-inch thick Hanover Concrete Pavers secured using Hanover Guardian Paver and Pedestal System. Pedestals fully adhered to Cap Sheet in full bed of 3M Scotch-Weld Epoxy Adhesive DP110 Translucent | **-142.5 (Lim. 9; Non-HVHZ only)** |
| A-4 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-917 Asphalt Primer | *Torched Ply* | Teranap 1M Sand | 24-inch x 24-inch x 2-inch thick Hanover Concrete Pavers secured using Hanover Guardian Paver and Pedestal System. Pedestals fully adhered to Cap Sheet in full bed of 3M Scotch-Weld Epoxy Adhesive DP110 Translucent | **-157.5 (Lim. 9; Non-HVHZ only)** |
| A-5 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-917 Asphalt Primer | *Torched Ply* | Teranap 1M Sand | Min. 1.5-inch, 25 psi XPS insulation board adhered in Parafast 1-Step spaced 12-inch o.c. followed by 24-inch x 24-inch x 2-inch thick Hanover Concrete Pavers adhered in ANSI A118.1 portland cement thin-set mortar | **-307.5 (Lim. 9; Non-HVHZ only)** |
| A-6 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-1125 primer | *Torched Ply* | Teranap 1M Sand | Min. 2-inch thick slab of min. 3000 psi concrete | **-315 (Lim. 9)** |
| A-7 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-917 Asphalt Primer | *Torched Ply* | Teranap 1M G/S | Min. 1.5-inch, 25 psi XPS insulation board adhered in Parafast 1-Step spaced 12-inch o.c. followed by min. 24-inch x 24-inch x 2-inch thick concrete pavers adhered in ANSI A118.1 portland cement thin-set mortar | **-330 (Lim. 9; Non-HVHZ only)** |
| A-8 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-1125 primer | *Torched Ply* | Teranap 1M Sand | Min. 6-inch x 6-inch ANSI A137.1 Ceramic Tile adhered in Mapei Porcelain Tile Mortar | **-400 (Lim. 9)** |
| A-9 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-1125 primer | *Torched Ply* | Teranap 1M Sand | Min. 6-inch x 6-inch ANSI A137.1 Ceramic Tile adhered in Mapei Floor and Wall Tile Mortar with Mapei Polymer Additive | **-492.5 (Lim. 9)** |
| A-10 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-1125 primer | *Torched Ply* | Teranap 1M Sand | See Note 5 above | **-492.5 (Lim. 9)** |



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| Assemblies with Adhered Membranes over Concrete Deck (New or Existing) | | | | | |
|---|---|---|---|---|---|
| System No. | Deck Detail | Waterproofing System | | Overburden | *MDP* (psf) |
| | | Ply Sheet | Cap Sheet | | |
| A-11 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-1125 primer | *Torched Ply* | *Torched Ply* | Min. 6-inch x 6-inch ANSI A137.1 Ceramic Tile adhered in ANSI A118.1 portland cement thin-set mortar | **-502.5 (Lim. 9)** |
| A-12 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-1125 primer | Paradiene 20 SA | - | Min. 4-inch x 4-inch ANSI A137.1 Ceramic Tile adhered in ANSI A118.1 portland cement thin-set mortar | **-502.5 (Lim. 9)** |
| A-13 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-917 primer | Paratech Glass Base TG | - | See Note 5 above | **-502.5 (Lim. 9)** |

| Assemblies with Liquid Applied Membrane Systems over Concrete Deck (New or Existing) | | | | |
|---|---|---|---|---|
| System No. | Deck Detail | Waterproofing System | Overburden | *MDP* (psf) |
| B-1 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-1125 primer | Paradiene 20 P applied in hot asphalt applied at a rate of 20-25 lb/sq., followed by Parapro Roof Membrane Resin | Min. 2-inch thick slab of min. 3000 psi concrete | **N/A** |
| B-2 | *Concrete Deck* primed with Siplast Pro Primer W or T resin | Parapro Roof Membrane Resin | Min. 2-inch thick slab of min. 3000 psi concrete | **N/A** |
| B-3 | *Concrete Deck* | Pro Base TG torch adhered followed by Parapro Roof Membrane Resin | 24-inch x 24-inch x 2-inch thick Hanover Concrete Pavers secured using Hanover Guardian Paver and Pedestal System. Pedestals fully adhered to Cap Sheet in full bed of PS-715 NS Elastomeric Sealant | **-75 (Lim. 9)** |
| B-4 | *Concrete Deck* primed with Siplast PA-917 Asphalt Primer | Pro Base TG torch adhered followed by Parapro Roof Membrane Resin | 24-inch x 24-inch x 2-inch thick Hanover Concrete Pavers secured using Hanover Guardian Paver and Pedestal System. Pedestals fully adhered to Cap Sheet in full bed of 3M Scotch-Weld Epoxy Adhesive DP110 Translucent | **-150 (Lim. 9; Non-HVHZ only)** |
| B-5 | Min. 3000 psi *Concrete Deck* primed with Siplast PA-1125 primer | Pro Base applied in hot asphalt applied at a rate of 20-25 lb/sq., followed by Parapro Roof Membrane Resin | See Note 5 above | **-202.5 (Lim. 9)** |
| B-6 | *Concrete Deck* primed with Siplast PA-917 Asphalt Primer | Pro Base TG torch adhered followed by Parapro Roof Membrane Resin | Min. 1.5-inch, 25 psi XPS insulation board adhered in Parafast 1-Step spaced 12-inch o.c. followed by 24-inch x 24-inch x 2-inch thick Hanover Concrete Pavers adhered in ANSI A118.1 portland cement thin-set mortar | **-285 (Lim. 9; Non-HVHZ only)** |
| B-7 | *Concrete Deck* primed with Siplast Pro Primer W or T resin | Parapro Roof Membrane Resin | See Note 5 above | **-322.5 (Lim. 9)** |
| B-8 | *Concrete Deck* primed with Siplast Pro Primer T resin | Parapro Roof Membrane Resin with natural quartz aggregate applied at a rate of 1 lb/ft$^2$ | Min. 6-inch x 6-inch ANSI A137.1 Ceramic Tile adhered in VersaBond Fortified Thin-Set Mortar | **-502.5 (Lim. 9)** |
| B-9 | *Concrete Deck* primed with Siplast Pro Primer T resin or Pro Primer E | Terapro 220 | - | **-502.5 (Lim. 9)** |
| B-10 | *Concrete Deck* primed with Siplast Pro Primer E | Terapro PUR 3200 | - | **-502.5 (Lim. 9)** |



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| Assemblies with Liquid Applied Membrane Systems over Concrete Deck (New or Existing) | | | | |
|---|---|---|---|---|
| System No. | Deck Detail | Waterproofing System | Overburden | *MDP* (psf) |
| B-11 | *Concrete Deck* primed PA-917 Primer | PA-750 HRA | - | **-502.5 (Lim. 9)** |
| B-12 | *Concrete Deck* primed PA-917 Primer | PA-750 HRA | See Note 5 above | **-502.5 (Lim. 9)** |

**END OF REPORT**



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