

APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE

| TABLE | DECK | APPLICATION | TYPE | DESCRIPTION | PAGE |
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The following notes apply to the systems outlined herein:

- The roof system evaluation herein pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC HVHZ requirements to the satisfaction of the Authority Having Jurisdiction. Deck-attachment details pertain to 'as-tested' conditions under [Testing Application Standard TAS 114](#), Appendix J. The table below provides reference to various as-tested deck sub-assemblies and associated maximum allowable design pressures.

| AS-TESTED DECK ATTACHMENT DETAILS (TAS 114, APPENDIX J) | | | | |
|---|----------------------------------|---------------------|-------------------------------------|------------------------------------|
| TYPE | TESTED SPAN (FT O.C.) | TESTED FASTENER | TESTED FASTENER SPACING (INCH O.C.) | AS-TESTED ALLOWABLE PRESSURE (PSF) |
| 15/32-inch APA rated CDX plywood | 2 | 8d ring shank nails | 6 | -75.0 |
| | 2 | #10 wood screws | 6 | -90.0 |
| | 2 | #10 wood screws | 4 | -120.0 |
| | 2 | #8 wood screws | 6 | -127.5 |
| | 2 ft o.c., and blocked 4 ft o.c. | #10 wood screws | 4 | -142.5 |
| 19/32-inch APA rated CDX plywood | 2 | 8d ring shank nails | 6 | -60.0 |
| | 2 | #10 wood screws | 6 | -127.5 |

- Unless otherwise noted, fasteners and stress plates shall be as follows. Fastener shall be of sufficient length for the following engagements:

| FASTENER/PLATE OPTIONS | | | | |
|------------------------|-------------------------------------|----------------|--|---|
| DECK TYPE | By | FBC HVHZ | PARTS | MINIMUM ENGAGEMENT |
| Wood | Altenloh, Brinck and Co. U.S., Inc. | NOA 22-1214.02 | Trufast #14 HD with Trufast 3" Metal Insulation Plate | Minimum ¼-inch plywood penetration or minimum 1-inch wood plank embedment |
| | OMG, Inc. | NOA 23-0718.03 | OMG #14 Heavy Duty with OMG 3 in. Round Metal Plate | |
| | | | OMG #14 Roofgrip with OMG Accutrac Flat Bottom | |
| | SFS Group USA, Inc. | NOA 22-0913.02 | Dekfast DF-#14-PH3 with Dekfast PLT-H-2-7/8 or Dekfast PLT-R-3 | |

- Unless otherwise noted, insulation may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet FBC HVHZ 1516 and, for foam plastic, FBC Chapter 26, when installed with the roof cover.
- RESERVED
- Preliminary insulation attachment: Unless otherwise noted, use FBC HVHZ Approved roofing fasteners; minimum four fasteners per 4 x 8 ft board or minimum two fasteners per 4 x 4 ft board.

- 6 Unless otherwise noted, insulation adhesive application rates are as follows.
- ✓ Ribbon or bead width is at the time of application; the ribbons/beads shall expand as noted in the manufacturer’s published instructions.
 - ✓ When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, board joints shall be staggered.
 - ✓ The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing.

| INSULATION ADHESIVE REFERENCES | | | | |
|--------------------------------|----------------|---|-------------|--|
| BY | FBC HVHZ | ADHESIVE | REFERENCE | MINIMUM RATE |
| Dupont de Nemours | FL720 | INSTA STIK Quik Set Insulation Adhesive | INSTA STIK | Continuous 0.75 to 1-inch wide ribbons, 12-inch o.c. |
| H.B. Fuller Company | NOA 21-1018.06 | Millennium One Step Foamable Adhesive | M-OSFA | Continuous 0.25 to 0.5-inch wide ribbons, 12-inch o.c. |
| ICP Construction | NOA 21-1115.05 | Polyset Commercial Roof Adhesive | Polyset CRA | Continuous 2.5 to 3-inch wide ribbons, 12-inch o.c. |
| OMG, Inc. | NOA 22-0519.04 | OlyBond 500 Adhesive Fastener | OB500 | Continuous 0.75-inch wide ribbons, 12-inch o.c. (PaceCart, SpotShot or Canister) |
| Generic, ASTM D312, Type IV | N/A | hot asphalt | | Full coverage at 25-30 lbs/square |

- 7 Unless otherwise noted, all insulations are flat-stock or taper board of the minimum thickness noted. Tapered polyisocyanurate at the following thickness limitations may be substituted with the following Maximum Design Pressure (MDP) limitations. In no case shall these values be used to ‘increase’ the MDP listings in the tables; rather if MDP listing below meets or exceeds that listed for a particular system in the tables, then the thinner board listed below may be used as a drop-in for the equivalent thicker material listed in the table.

| MDP LIMITATIONS FOR TAPERED POLYISOCYANURATE INSULATIONS | | | | |
|--|--|----------------|-----------------------------|-----------|
| ADHESIVE | INSULATION | | MIN. TAPERED THICKNESS (IN) | MDP (psf) |
| | LISTED PRODUCT | FBC HVHZ | | |
| M-OSFA | Any polyisocyanurate listed with adhesive herein | Various | 0.5 | -157.5 |
| Polyset CRA | Any polyisocyanurate listed with adhesive herein | Various | 1.0 | -117.5 |
| OB500 | Rmax Multi-Max FA3 | NOA 22-0815.03 | 0.5 | -45.0 |
| OB500 | Hunter H-Shield | NOA 19-0521.04 | 0.5 | -315.0 |
| OB500 | Johns Manville ENRGY 3 | NOA 18-0501.05 | 0.5 | -315.0 |
| OB500 | Atlas ACFoam II | NOA 23-0207.02 | 0.5 | -487.5 |

- 8 Bonded polyisocyanurate insulation boards shall be maximum 4 x 4 ft.
- 9 For mechanically attached components, the maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with FBC HVHZ 1620 or [Roofing Application Standard](#) RAS 128. Elevated pressure zones shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria in accordance with [Roofing Application Standard](#) RAS 117 or RAS 137. *This extrapolation is not permitted for systems marked with an asterisk*
- 10 For tables and/or assemblies marked with an asterisk*, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with FBC Chapter 16. No rational analysis is permitted for these systems.
- 11 For mechanically attached components over existing decks, fasteners shall be tested in the existing deck for withdrawal resistance in accordance with [Testing Application Standard](#) TAS 105. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Should the fastener resistance be less than that required, a revised fastener spacing – prepared, signed and sealed by a qualified design professional in accordance with [Roofing Application Standard](#) RAS 117 or RAS 137 – may be submitted to the Building Official for review and acceptance. For systems using Trufast Versa-Fast, the number of Versa-Fast Fasteners installed through the Versa-Fast Plate may be increased from the minimum noted in order to yield minimum required withdrawal resistance.
- 12 For bonded insulation or membrane over existing substrates in a re-roof (tear off) or recover installation, the existing deck or existing roof surface shall be examined for compatibility with the adhesive to be installed. If any surface conditions exist that bring system performance into question, field uplift testing shall be conducted on mock-ups of the proposed new roof assembly. For bonded insulation or membrane over existing substrates in a recover installation, the existing roof system shall be capable of resisting project design pressures on its own merit to the satisfaction of the Authority Having Jurisdiction, as documented through field uplift testing in accordance with [Testing Application Standard](#) TAS 124.

- 13 Refer to FBC HVHZ 1521 for requirements and limitations regarding recover installations. For Recover Applications using System Type C-1 the base insulation layer is optional and for System Type C-2, D-1 or D-2, the insulation is optional. Alternatively, an FBC HVHZ Approved insulation board or coverboard may be used as a separation layer. Board products shall be preliminarily attached prior to roof cover installation ([Note 5](#)). The separator component shall be documented as meeting FBC HVHZ 1516 and, for foam plastic, FBC Chapter 26, when installed with the roof cover in Recover applications.
- 14 RESERVED
- 15 For bonded membrane applications, unless otherwise noted, refer to the following.

| MEMBRANE / ADHESIVE COMBINATIONS | | | |
|----------------------------------|----------|---|---------------|
| REFERENCE | LAYER | MATERIAL | APPLICATION |
| SBS-SA | Base Ply | One or more plies DeckSeal SA Base/Ply or DeckSeal SA Base/Ply FR | Self-Adhering |
| | Cap Ply | DeckSeal SA SBS Cap or DeckSeal SA SBS Cap FR | |

- 16 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. FBC (HVHZ) 1620 and [Roofing Application Standard](#) RAS 128 for determination of design wind loads ([Note 9](#) and [Note 10](#)).

**TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER**

| System No. | Deck (Note 1) | Anchor Sheet | | | Base Insulation | | Top Insulation | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|--|---|---|---|---|---|---|--------------------------------------|-------------------|---------|------------------------------|
| | | Type | Fasten (Note 11) | Attach | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| W-1. | Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood | Polyglass "Elastobase" or "Elastobase P" with sanded-top-surface | Simplex MAXX Cap | 9-inch o.c. at 2-inch lap and 18-inch o.c. in two, equally spaced, staggered center rows | (Optional) Min. 1.5-inch AC Foam II, ENRGY-3, H-Shield, H-Shield CG, Multi-Max FA3 | Hot asphalt | Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | SBS-SA | (Optional) SBS-SA | SBS-SA | -45.0* |
| W-2. | Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood | Polyglass "Elastobase" or "Elastobase P" with sanded-top-surface | Simplex MAXX Cap | 9-inch o.c. at 2-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows | (Optional) Min. 1.5-inch AC Foam II, ENRGY-3, H-Shield, H-Shield CG, Multi-Max FA3 | Hot asphalt | Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | SBS-SA | (Optional) SBS-SA | SBS-SA | -52.5 |
| W-3. | Min. 19/32-inch APA rated CDX plywood | Polyglass "Polyglass G2 Base", "Elastobase" or "Elastobase P" with sanded-top-surface or "Elastovent", CertainTeed "Glasbase Base Sheet", Firestone "MB Base", Johns Manville "Perma-Ply 28" or GAF "GAFGLAS #75 Base Sheet" | 32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails | 8-inch o.c. in 4-inch lap and 8-inch o.c. in three (3), equally spaced, staggered center rows | (Optional) Min. 1.5-inch AC Foam II, AC Foam III, ENRGY-3, H-Shield, H-Shield CG, Multi-Max FA3 | Hot asphalt | Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | SBS-SA | (Optional) SBS-SA | SBS-SA | -60.0 |

TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

| System No. | Deck (Note 1) | Anchor Sheet | | | Base Insulation | | Top Insulation | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---------------------------------------|--|---|---|---|---|---|--|--------------------------------------|-------------------|---------|------------------------------|
| | | Type | Fasten (Note 11) | Attach | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| W-4. | Min. 19/32-inch APA rated CDX plywood | Polyglass “Elastobase” or “Elastobase P” with sanded-top-surface | Simplex MAXX Cap Fasteners | 12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows | (Optional) Min. 1.5-inch ACFoam II, ENRGY-3, H-Shield, H-Shield CG, Multi-Max FA3 | Hot asphalt | Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | SBS-SA | (Optional) SBS-SA | SBS-SA | -60.0 |
| W-5. | Min. 19/32-inch APA rated CDX plywood | Polyglass “Elastobase” or “Elastobase P” with sanded-top-surface | 32 ga., 1-5/8-inch diameter tin caps with 12 ga. annular ring shank nails | 6-inch o.c. in 4-inch lap and 6-inch o.c. in four (4), equally spaced, staggered center rows | Min. 2-inch ACFoam II, III, H-Shield, H-Shield CG, Multi-Max FA3 or ENRGY-3 | INSTA-STIK, OB500, Polyset CRA or M-OSFA, atop fastener rows, 7-inch o.c. | (Optional) Additional layers of base insulation | INSTA-STIK, OB500, Polyset CRA or M-OSFA | SBS-SA | (Optional) SBS-SA | SBS-SA | -60.0* |

TABLE 1B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER

| System No. | Deck (Note 1) | Anchor Sheet | | | Base Insulation | | Top Insulation | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---------------------------------------|--|--|---|---|---|---|---|--------------------------------------|-------------------|---------|------------------------------|
| | | Type | Fasten (Note 11) | Attach | Type | Attach (Notes 6,7,8) | Type | Attach (Notes 6,7,8) | Base Ply | Ply | Cap Ply | |
| W-6. | Min. 19/32-inch APA rated CDX plywood | Polyglass “Elastobase” or “Elastobase P” with sanded-top-surface or “Elastovent” | OMG #12 Roofgrip with OMG Accutrac Flat Bottom | 12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows | (Optional) Min. 1.5-inch ACFoam II, ENRGY-3, H-Shield, H-Shield CG, Multi-Max FA3 | Hot asphalt | Min. 0.25-inch Dens Deck, Dens Deck Prime, SECUROCK Gypsum-Fiber Roof Board | Hot asphalt | SBS-SA | (Optional) SBS-SA | SBS-SA | -60.0 |

**TABLE 1C: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

| System No. | Deck (Note 1) | Base Insulation Layer (Note 3, Note 13) | Top Insulation Layer | | | Roof Cover (Note 15) | | | MDP (psf) |
|------------|---|---|---|--|---------------------------|--------------------------------------|-------------------|---------|------------------------------|
| | | | Type | Fasten (Note 11) | Attach | Base Ply | Ply | Cap Ply | |
| W-7. | Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood | One or more layers, any combination, min. 1-inch, loose laid | Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board optionally primed with Polyglass "POLYBRITE 745" or "WB3000" | Note 2 (#14 only) or OMG #14 Roofgrip with OMG 3 in. Round Metal Plate or OMG 3 in. Ribbed Galvalume Plate (Flat) | 1 per 2.0 ft ² | SBS-SA | None | SBS-SA | -45.0 |
| W-8. | Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated CDX plywood | One or more layers, any combination, min. 1-inch, loose laid | Min. 0.25-inch Dens Deck Prime optionally primed with Polyglass "POLYBRITE 745" or "WB3000" | Note 2 (#14 only) or OMG #14 Roofgrip with OMG 3 in. Round Metal Plate | 1 per 2.0 ft ² | SBS-SA | None | SBS-SA | -45.0 |
| W-9. | Min. 19/32-inch APA rated plywood | (Optional) One or more layers, any combination, loose laid | Min. 1.5-inch ACfoam II, ACfoam III, EnergyGuard Polyiso Insulation, ENRGY 3, ENRGY 3 CGF, H-Shield, H-Shield CG, ISO 95+ GL, Multi-Max FA3 or Ultra-Max optionally primed with Polyglass "POLYBRITE 745" or "WB3000" | Trufast Versa Fasteners (min. ¾" penetration) & Plates; 2 screws per plate installed 180° into the holes of the plate | 1 per 1.3 ft ² | SBS-SA | (Optional) SBS-SA | SBS-SA | -67.5* |
| | <i>Note:</i> | <i>*For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield MCRF > 180 lbf.</i> | | | | | | | |
| W-10. | Min. 19/32-inch APA rated plywood | (Optional) One or more layers, any combination, loose laid | Min. 1.5-inch ACfoam II, ACfoam III, EnergyGuard Polyiso Insulation, ENRGY 3, ENRGY 3 CGF, H-Shield, H-Shield CG, ISO 95+ GL, Multi-Max FA3 or Ultra-Max optionally primed with Polyglass "POLYBRITE 745" or "WB3000" | Dekfast DF-#12-PH3 with Dekfast PLT-R-3, OMG #12 Roofgrip with OMG 3 in. Galvalume Plate (non-ribbed) or OMG Accutrac Plate or Trufast #12 DP with Trufast 3" Metal Insulation Plate | 1 per 1.3 ft ² | SBS-SA | (Optional) SBS-SA | SBS-SA | -67.5* |

**TABLE 1D: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**

| System No. | Deck (Note 1) | Insulation Layer(s) (Note 3, Note 13) | | Base Sheet | | | Roof Cover (Note 15) | | MDP (psf) |
|------------|---------------------------------------|---|------------------|----------------------|--|--|--------------------------------------|---------|---------------------------|
| | | Type | Attach | Type | Fasten (Note 11) | Attach | Base Ply | Cap Ply | |
| W-11. | Min. 19/32-inch APA rated CDX plywood | One or more layers, any combination | Prelim. Attached | DeckSeal MA NailBase | Dekfast DF-#14-PH3 with Dekfast PLT-H-2-7/8 or Trufast #14 HD with Trufast 3" Metal Insulation Plate | 12-inch o.c. in 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows | SBS-SA | SBS-SA | -52.5* |
| W-12. | Min. 19/32-inch APA rated CDX plywood | One or more layers, any combination | Prelim. Attached | DeckSeal MA NailBase | OMG #12 Roofgrip with OMG Accutrac Flat Bottom | 12-inch o.c. in 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows | SBS-SA | SBS-SA | -60.0* |
| W-13. | Min. 19/32-inch APA rated plywood | One or more layers, any combination | Loose-laid | DeckSeal MA NailBase | Trufast Versa Fasteners (min. ¾" penetration) & Plates; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet* | 12-inch o.c. at min. 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows | SBS-SA | SBS-SA | -67.5 |
| | | <i>Note: *For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield MCRF > 199 lbf.</i> | | | | | | | |

**TABLE 1E: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET (NAILS), BONDED ROOF COVER**

| System No. | Deck (Note 1) | Base Sheet | | | Roof Cover (Note 15) | | MDP (psf) |
|--------------------------------|---|----------------------|--|--|--------------------------------------|---------|---------------------------|
| | | Type | Fasten (Note 11) | Attach | Base Ply | Cap Ply | |
| NO BASE PLY: | | | | | | | |
| W-14. | Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood | DeckSeal MA NailBase | Simplex MAXX Cap <i>Note: MAXX Caps are to be primed with Polyglass "PG100" or ASTM D41 primer</i> | 8-inch o.c. at min. 3-inch lap and 8-inch o.c. at three (3), equally spaced, staggered center rows | None | SBS-SA | -60.0 |
| W-15. | Min. 19/32-inch APA rated CDX plywood | DeckSeal MA NailBase | 32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails | 8-inch o.c. in 4-inch lap and 8-inch o.c. in three (3), equally spaced, staggered center rows | None | SBS-SA | -60.0 |
| W-16. | Min. 19/32-inch APA rated CDX plywood | DeckSeal MA NailBase | 32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails. | 4-inch o.c. in 4-inch lap and 4-inch o.c. in four (4), equally spaced, staggered center rows | None | SBS-SA | -97.5 |
| W-17. | Min. 19/32-inch APA rated CDX plywood | DeckSeal MA NailBase | 32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails. <i>Note: Tin caps are to be primed with Polyglass "PG100" or ASTM D41 primer.</i> | 6-inch o.c. in 4-inch lap and 6-inch o.c. in four (4), equally spaced, staggered center rows | None | SBS-SA | -112.5 |
| SELF-ADHERING BASE PLY: | | | | | | | |
| W-18. | Min. 15/32-inch (existing) or min. 19/32-inch (new) APA rated plywood | DeckSeal MA NailBase | Simplex MAXX Cap <i>Note: MAXX Caps are to be primed with Polyglass "PG100" or ASTM D41 primer</i> | 8-inch o.c. at min. 3-inch lap and 8-inch o.c. at three (3), equally spaced, staggered center rows | SBS-SA | SBS-SA | -60.0 |
| W-19. | Min. 19/32-inch APA rated CDX plywood | DeckSeal MA NailBase | 32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails | 8-inch o.c. in 4-inch lap and 8-inch o.c. in three (3), equally spaced, staggered center rows | SBS-SA | SBS-SA | -60.0 |
| W-20. | Min. 19/32-inch APA rated CDX plywood | DeckSeal MA NailBase | 32 ga., 1-5/8-inch diameter tin caps with 11 ga. annular ring shank nails. | 4-inch o.c. in 4-inch lap and 4-inch o.c. in four (4), equally spaced, staggered center rows | SBS-SA | SBS-SA | -97.5 |

**TABLE 1F: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER
SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET (SCREWS & PLATES), BONDED ROOF COVER**

| System No. | Deck (Note 1) | Base Sheet | | | Roof Cover (Note 15) | | MDP (psf) |
|--------------------------------|---------------------------------------|----------------------|---|--|--------------------------------------|--------|---------------------------|
| | | Type | Fasten (Note 11) | Attach | Base Ply | Cap | |
| NO BASE PLY: | | | | | | | |
| W-21. | Min. 19/32-inch APA rated CDX plywood | DeckSeal MA NailBase | Trufast Versa Fasteners (min. 3/4" penetration) & Plates; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet* | 12-inch o.c. at min. 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows | None | SBS-SA | -67.5 |
| | <i>Note:</i> | | <i>*For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield MCRF > 199 lbf.</i> | | | | |
| SELF-ADHERING BASE PLY: | | | | | | | |
| W-22. | Min. 19/32-inch APA rated CDX plywood | DeckSeal MA NailBase | Dekfast DF-#14-PH3 with Dekfast PLT-H-2-7/8 or Trufast #14 HD with Trufast 3" Metal Insulation Plate | 12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows | SBS-SA | SBS-SA | -52.5* |
| W-23. | Min. 19/32-inch APA rated CDX plywood | DeckSeal MA NailBase | OMG #12 Roofgrip with OMG Accutrac Flat Bottom | 12-inch o.c. in 4-inch lap and 12-inch o.c. in two (2), equally spaced, staggered center rows | SBS-SA | SBS-SA | -60.0* |
| W-24. | Min. 19/32-inch APA rated plywood | DeckSeal MA NailBase | Trufast Versa Fasteners (min. 3/4" penetration) & Plates; 2 screws per plate installed 180° into the holes of the plate, parallel to the width-direction of the sheet* | 12-inch o.c. at min. 4-inch lap and 12-inch o.c. at two (2), equally spaced, staggered center rows | SBS-SA | SBS-SA | -67.5 |
| | <i>Note:</i> | | <i>*For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield MCRF > 199 lbf.</i> | | | | |
| W-25. | Min. 19/32-inch APA rated plywood | DeckSeal MA NailBase | Trufast Versa Fasteners (min. 3/4" penetration) & Plates; 1 screws per plate in center hole* <i>Note: Versa-Fast Plates shall be primed with Polyglass "PG100" or ASTM D41 primer.</i> | 9-inch o.c. at min. 4-inch lap and 9-inch o.c. at four (4), equally spaced center rows | SBS-SA | SBS-SA | -127.5 |
| | <i>Note:</i> | | <i>*For re-roof or recover construction, field withdrawal resistance testing (Note 11) shall yield MCRF > 141 lbf.</i> | | | | |