Membrane: — "EverGuard® TPO" 45-mil to 80-mil or "EverGuard Extreme® TPO" 50-mil to 80-mil, mechanically astened.

Class C - Mechanically Fastened

1. **Deck:** NC **Incline:** Unlimited

Insulation (Optional): — "EnergyGuard™" or "EnergyGuard™ Ultra" or "Energy Guard™ RF" or "EnergyGuard™ RA" or "EnergyGuard™ RA Tapered" or "EnergyGuard™ RA Ultra" or "EnergyGuard™ RA Ultra Tapered" or "EnergyGuard™ RA HD" or "EnergyGuard™ RN" or "EnergyGuard™ RM" POLYISOCYANURATE or wood fiber or glass fiber or perlite, any thickness, mechanically fastened.
Membrane: — "EverGuard® TPO" 45-mil to 80-mil or "EverGuard Extreme® TPO" 50-mil to 80-mil, mechanically fastened.

2. **Deck:** C-15/32 **Incline:** Unlimited

Barrier Board: — Minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard" or minimum 1/4-in. thick United States Gypsum Co. "SECUROCK® Roof Board" (Type FRX-G)" or "SECUROCK® Glass-Mat Roof Board" (Type SGMRX) or minimum 1/4-in. thick National Gypsum Co "DEXcell Glass Mat Roof Board" or "DEXcell FA Glass Mat Roof Board" or minimum 7/16-in. thick "DEXcell Cement Roof Board" or minimum 1/2-in. thick gypsum board mechanically fastened with all butt joints staggered a minimum of 6-in. from the plywood roof deck butt joints.
Insulation (Optional): — "EnergyGuard™" or "EnergyGuard™ Ultra" or "Energy Guard™ RF" or "EnergyGuard™ RA" or "EnergyGuard™ RA Tapered" or "EnergyGuard™ RA Ultra" or "EnergyGuard™ RA Ultra Tapered" or "EnergyGuard™ RA HD" or "EnergyGuard™ RN" or "EnergyGuard™ RM" polyisocyanurate or wood fiber or glass fiber or perlite, any thickness, mechanically fastened.
Membrane: — "EverGuard® TPO" 45-mil to 80-mil or "EverGuard Extreme® TPO" 50-mil to 80-mil, mechanically fastened.

FLUID APPLIED COATING SYSTEMS

Class A

1. **Deck:** NC **Incline:** Unlimited

Surfacing: — "Surface Seal SB Thermoplastic Rubber Coating" applied at a rate of 2-1/2 gal./100-ft.^{2}.

MAINTENANCE AND REPAIR SYSTEMS (PVC)

Class A

1. **Deck:** NC **Incline:** 1/2

Existing Roof System: — Insulated or uninsulated cap sheet, smooth or gravel surfaced (loose gravel may be removed).
Barrier Board (Optional): — Minimum 1/2-in. thick plywood.
Insulation/Slip Sheet: — One of the following insulations or insulation/slip sheet combinations:
a. Perlite, any thickness / (optional) One ply Atlas Roofing Corp. "FR-10".