



6.4 U.L. LISTED SPECIFICATIONS

Single Ply Membrane Systems

Unless otherwise specified, the insulation and base sheet are mechanically fastened to the deck. The membrane is heat fused in place.

Class A- Ballasted

- 1. **Deck:** NC **Incline:** 1/2
Membrane: "Dibiten Poly 4.5" (modified bitumen)
Surfacing: River bottom stone, 3/4 to 1-1/2 in., diam., 1000 lb./sq.
- 2. **Deck:** NC **Incline:** 2
Insulation (Optional): Any UL Classified (except polystyrene), any thickness.
Base Sheet: Type 15, G1 or G2, or vented base sheet mechanically fastened or hot mopped.
Membrane: "Dibiflex S", "Dibiflex Supra S" or "Dibiflex 170", heat fused or hot mopped in place.
Surfacing: Gravel, laid loosely or embedded in hot roofing asphalt or any UL Classified emulsion. Emulsion applied at 4-5- gal./sq.

Class B - Ballasted

- 1. **Deck:** NC **Incline:** 1/2
Membrane: "Dibiten Poly/4.5" (modified bitumen)
Surfacing: Gravel at 4000 lbs./sq., loose laid
- 2. **Deck:** C 15/32 **Incline:** 2
Base Sheet: Type G2
Membrane: "Dibiten Poly/4.5" or "Dibiten Poly/4" (modified bitumen.)
Surfacing: River bottom stone, 1/2 to 2-1/2 in. diam., 1000 lb./sq.

Class A - Fully Adhered

- 1. **Deck:** NC **Incline:** 1/2
Base Sheet (Optional): One or two plies Type G2, nailed or hot mopped
Membrane: One or more plies "Dibiten Poly/4", "Dibiten Poly/4.5" or "Dibiten Poly/5" (modified bitumen), heat fused.
Surfacing: Karnak "No. 97 Fibrated Aluminum Asphalt Roof Coating" at 1 gal./sq., "APOC 400" at 2 gal./sq., Monsey Products "Weather Check Aluminum Roof Coating" at 1 1/2 gal./sq. or Industrial Research Development "Rhino-Hide T-Cote A" at 2 gal./sq.
- 2. Deleted.
- 3. **Deck:** NC **Incline:** 1
Base Sheet: (Optional): One or two plies Type G2, nailed or hot mopped.
Membrane: One or more plies "Dibiten Poly/4", "Dibiten Poly/4.5" or "Dibiten Poly/5" (modified bitumen), heat fused.
Surfacing: Kokem Products "Sungard Acrylic Latex Roof Coating", 1 gal./sq., 2 coats.
- 4. **Deck:** NC **Incline:** 1/2
Insulation (Optional): Polystyrene, polyisocyanurate,

polyurethane, perlite/polyisocyanurate composite, perlite, wood fiber, glass fiber or phenolic, no max thickness.

Base Sheet: Type G2.

Membrane: One or more plies "Dibiten Poly/4", "Dibiten Poly/4.5" or "Dibiten Poly/5" (modified bitumen), heat fused.

Surfacing: Celotex "FR Bright and White Coating", 0.75 gal./sq., 2 coats.

- 5. **Deck:** NC **Incline:** 1/2
Insulation: Insulation (Optional): Polystyrene, polyisocyanurate, polyurethane, perlite/polyisocyanurate composite, perlite, wood fiber, glass fiber or phenolic, no max thickness.

Base Sheet: Type G2.

Membrane: One or more plies "Dibiten Poly/4", "Dibiten Poly/4.5" or "Dibiten Poly/5" (modified bitumen), heat fused.

Surfacing: Monsey Products "Aqua-Brite Aluminum Asphalt Emulsion", 1.5 gal./sq.

- 6. **Deck:** NC **Incline:** 1/2
Insulation: (Optional): Polystyrene, polyisocyanurate, polyurethane, perlite/polyisocyanurate composite, perlite, wood fiber, glass fiber or phenolic, no maximum thickness.

Base Sheet: Type G2.

Membrane: One or more plies "Dibiten Poly/4", "Dibiten Poly/4.5" or "Dibiten Poly/5" (modified bitumen), heat fused.

Base Coat: "Neste-Thermo 202HS", 1.5 gal./sq.

Surfacing: "Neste-Thermo Super Prep II", 1.5 gal./sq.

- 7. **Deck:** NC **Incline:** 1/2
Base Sheet: (Optional): Type G2.
Membrane: One or more plies "Dibiten Poly/4", "Dibiten Poly/4.5" or "Dibiten Poly/5" (modified bitumen), heat fused.

Surfacing: Celotex "FR Bright and White Coating", 0.75 gal./sq., 2 coats.

- 8. **Deck:** NC **Incline:** 1/2
Base Sheet: (Optional): Type G2.
Membrane: One or more plies "Dibiten Poly/4", "Dibiten Poly/4.5" or "Dibiten Poly/5" (modified bitumen), heat fused.

Surfacing: Monsey Products "Aqua-Brite Aluminum Asphalt Emulsion", 1.5 gal./sq.

- 9. **Deck:** NC **Incline:** 1/2
Base Sheet (Optional): Type G2.
Membrane: One or more plies "Dibiten Poly/4", "Dibiten Poly/4.5" or "Dibiten Poly/5" (modified bitumen), heat fused.

Base Coat: "Neste-Thermo 202HS", 1.5 gal./sq.

Surfacing: "Neste-Thermo Super Prep II", 1.5 gal./sq.

Specification & Application Manual

Modified Bitumen Roofing Membranes

- 10. Deck: C-15/32 Incline: 1/2**
Base Sheet: Two plies G2, "PP 28", "GlasBase" or "DibiGlass Base", mechanically fastened or hot mopped.
Membrane: "Dibiten Poly 4.5 FR" (modified bitumen), heat welded.

Class B - Fully Adhered

- 1. Deck: C15/32 Incline: 1/2**
Base Sheet: Two plies Type G2 (Johns Manville or Owens-Corning), nailed or hot mopped.
Membrane: One or more plies "Dibiten Poly/4", "Dibiten Poly/4.5" or "Dibiten Poly/5" (modified bitumen), heat fused.
Surfacing: Karnak "No. 97 Fibrated Aluminum Asphalt Roof Coating" at 1 gal./sq. "APOC 400" at 2 gal./sq., Monsey products "Weather Check Aluminum Roof Coating", at 1 1/2 gal./sq. or Industrial Research Development "rhino-Hide Ti Cote A" at 2 gal./sq.
- 2. Deck: C-15/32 Incline: 1/2**
Base Sheet: Two plies Type G2, nailed or hot mopped in place.
Membrane: One or more plies "Dibiten Poly/4", "Dibiten Poly/4.5", or "Dibiten Poly/5" (modified bitumen), heat fused.
Surfacing: Fields "Fields F600 FlameBloc ModFit Fibrated Aluminum Roof Coating" at 1-1/2 gal./sq.

Class C- Fully Adhered

- 1. Deck: 15/32 Incline: 1**
Base Sheet: One ply Type G2, mechanically fastened.
Membrane: One or two plies "Dibiten Poly/4", or "Dibiten Poly/4.5" (modified bitumen), heat fused.