

# UL Listings - SAMB

## Class A over Wood Deck

"The name trusted in roofing since 1906"



Revised October 2019

SAMB over Wood Deck – No Insulation						
Cap Sheet	Mid-Ply	Base Sheet	Cover board / Insulation	Notes	Slope	Option
SA-Cap	None	SA-Base Optional	Dens Deck Prime 1/4"	1, 2	1:12	1
SA-Cap	None	SA-Base optional	Securock roof board 1/4"	1, 2	1:12	3
SA-Cap FR or SA-KoolCap FR	SA-Base FR (optional)	SA-Base FR or Nail-Base	None	3	2:12	5
SA-Cap FR or SA-KoolCap FR	(optional) SA-Base FR or Nail-Base	SA-Base FR or Nail-Base	Dens Deck Prime 1/4" or Securock roof board 1/4"	1,2	2:12	6
SA-Cap FR or SA-KoolCap FR	None	None	Dens Deck Prime 1/4"	1,2	3:12	7
SA-Cap FR or SA-KoolCap FR	None	None	Securock roof board 1/4"	1,2	3:12	8
SA-Cap FR or SA-KoolCap FR	SA-Base FR	None	Dens Deck Prime 1/4"	1,2	3:12	9
SA-Cap FR or SA-KoolCap FR	SA-Base FR	None	Securock roof board 1/4"	1,2	3:12	11

- Notes:
1. Field priming of either Dens Deck Prime or Securock roof board is not required
  2. Cover board is mechanically attached to roof deck
  3. Nail-base is attached to roof deck
  4. Roof insulation is mechanically attached to roof deck

<b>SAMB over Wood Deck – With Insulation</b>						
<b>Cap Sheet</b>	<b>Mid-Ply</b>	<b>Base Sheet</b>	<b>Cover board / Insulation</b>	<b>Notes</b>	<b>Slope</b>	<b>Option</b>
SA-Cap	None	SA-Base optional	Polyiso (any thickness) over Dens Deck 1/4"	4	1:12	1
SA-Cap	None	SA-Base optional	Dens Deck Prime 1/4" over Polyiso (any thickness)	1,2	1:12	2
SA-Cap	None	SA-Base optional	Polyiso (any thickness) over Securock roof board 1/4"	4	1:12	3
SA-Cap	None	SA-Base optional	Securock roof board 1/4" over Polyiso (any thickness)	1,2	1:12	4
SA-Cap FR or SA-KoolCap FR	SA-Base FR (optional)	SA-Base FR or Nail-Base	Polyiso or wood fiber – Any thickness (optional)	3	2:12	5
SA-Cap FR or SA-KoolCap FR	(optional) SA-Base FR or Nail-Base	SA-Base FR or Nail-Base	Polyiso (any thickness) over Dens Deck Prime 1/4" or Securock roof board 1/4"	4	2:12	6
SA-Cap FR or SA-KoolCap FR	SA-Base FR	None	Polyiso (any thickness) over Dens Deck 1/4"	4	3:12	9
SA-Cap FR or SA-KoolCap FR	SA-Base FR	None	Dens Deck Prime 1/4" over Polyiso (any thickness)	1,2	3:12	10
SA-Cap FR or SA-KoolCap FR	SA-Base FR	None	Polyiso (any thickness) over Securock roof board 1/4"	4	3:12	11
SA-Cap FR or SA-KoolCap FR	SA-Base FR	None	Securock roof board 1/4" over Polyiso (any thickness)	1,2	3:12	12

- Notes:
1. Field priming of either Dens Deck Prime or Securock roof board is not required
  2. Cover board is mechanically attached to roof deck
  3. Nail-base is attached to roof deck
  4. Roof insulation is mechanically attached to roof deck

## SAMB – UL CLASS A over Wood Deck, max slope 1:12

### Option 1

**Membrane:** SA-Cap Sheet  
**Base Sheet (optional):** SA-Base Sheet  
**Insulation (optional):** Polyiso, any thickness,  
**Barrier Board:** Dens Deck Prime – 1/4" thick  
**Roof Deck:** Min 15/32 OSB (wood)

This system requires two UL listings to prove that it is Class A.

**MULE-HIDE PRODUCTS, CO., INC.**  
**UNDERWRITERS LABORATORIES (UL) TGFU.R13850, ROOFING SYSTEMS**

7. Deck: NC **Incline:** 1  
**Insulation (Optional):** — Polyisocyanurate, any thickness.  
**Base Sheet (Optional):** — "SA BASE SHEET" self-adhered  
**Membrane:** — "SA-APP CAP SHEET" or "SA-SBS CAP SHEET", self adhered.

**GEORGIA-PACIFIC GYPSUM LLC**  
**UNDERWRITERS LABORATORIES (UL) TGFU.R.15206, ROOFING SYSTEMS**

2. Deck: C-15/32 **Incline:** See Note 1  
**Barrier Board: (See Note 3)** — 1/4-in., 1/2-in. or 5/8-in. thick "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" with all joints staggered a min of 6 in. from the plywood joints.  
**Insulation:** (Optional): — Fiberglass, polyisocyanurate, perlite or wood fiber, any thickness.  
**Membrane:** — Any UL Classified modified bitumen system, cold-applied or hot-mopped BUR, spray applied foam and coating systems, CPE, CSM, CSPE, EPDM, NBP, PIB, PVC, TPO or TRE membrane systems or other noncombustible roof covers suitable for use with any roof insulation.

**Note 1:** Classification (A, B or C) and max incline will be the same as that of the Classified Roofing System (TGFU) currently limited to noncombustible deck.

**Note 3:** The use of the "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" as a barrier board directly over the combustible deck permits the use of any Classified Roofing System (TGFU) which otherwise is limited to use over noncombustible deck. When used, insulation must consist of one of the types specified.

## **SAMB – UL CLASS A over Wood Deck, max slope 1:12**

### **Option 2**

**Membrane:** SA-Cap Sheet  
**Base Sheet (optional):** SA-Base Sheet  
**Barrier Board:** Dens Deck Prime – 1/4” thick  
**Insulation (optional):** Polyiso, any thickness,  
**Roof Deck:** Min 15/32 OSB (wood)

**This system requires two UL listings to prove that it is Class A.**

**MULE-HIDE PRODUCTS, CO., INC.  
UNDERWRITERS LABORATORIES (UL) TGFU.R13850, ROOFING SYSTEMS**

**7. Deck:** NC **Incline:** 1  
**Insulation (Optional):** — Polyisocyanurate, any thickness.  
**Base Sheet (Optional):** — "SA BASE SHEET" self-adhered  
**Membrane:** — "SA-APP CAP SHEET" or "SA-SBS CAP SHEET", self adhered.

**GEORGIA-PACIFIC GYPSUM LLC  
UNDERWRITERS LABORATORIES (UL) TGFU.R.15206, ROOFING SYSTEMS**

**1. Deck:** C-15/32 **Incline:** See Note 1  
**Insulation:** — Any UL Classified, any thickness.  
**Barrier Board: (See Note 2)** — 1/4-in., 1/2-in. or 5/8-in. thick "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" with all joints staggered a min of 6 in. from the plywood joints.  
**Membrane:** — Any UL Classified modified bitumen system, cold-applied or hot-mopped BUR, spray applied foam and coating systems, CPE, CSM, CSPE, EPDM, NBP, PIB, PVC, TPO or TRE membrane systems or other noncombustible roof covers suitable for use with any roof insulation.

**Note 1:** Classification (A, B or C) and max incline will be the same as that of the Classified Roofing System (TGFU) currently limited to noncombustible deck.

**Note 2:** The use of the "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" as a barrier board over the insulation permits the use of any Classified Roofing System (TGFU) which otherwise is limited to use over noncombustible deck.

## **SAMB – UL CLASS A over Wood Deck, max slope 1:12**

### **Option 3**

**Membrane:** SA-Cap Sheet  
**Base Sheet (optional):** SA-Base Sheet  
**Insulation (optional):** Polyiso, any thickness,  
**Barrier Board:** Securock gypsum-fiber roof board – 1/4” thick  
**Roof Deck:** Min 15/32 OSB (wood)

**This system requires two UL listings to prove that it is Class A.**

#### **MULE-HIDE PRODUCTS, CO., INC. UNDERWRITERS LABORATORIES (UL) TGFU.R13850, ROOFING SYSTEMS**

**7. Deck:** NC **Incline:** 1  
**Insulation (Optional):** — Polyisocyanurate, any thickness.  
**Base Sheet (Optional):** — "SA BASE SHEET" self-adhered  
**Membrane:** — "SA-APP CAP SHEET" or "SA-SBS CAP SHEET", self adhered.

#### **UNITED STATES GYPSUM CO, UNDERWRITERS LABORATORIES (UL) TGFU.R.1319, ROOFING SYSTEMS**

**10. Deck:** C-15/32 **Incline:** See Note 5  
**Barrier Board:** — 1/4, 3/8, 1/2 or 5/8 in. thick SECUROCK® Gypsum-Fiber Roof Board (Type FRX-G) mechanically fastened or fully adhered with all barrier board butt joints staggered a minimum of 6 in. from the plywood deck butt joints.  
**Insulation:** — Fiberglass, polyisocyanurate, perlite or wood fiber, (UL Classified, any thickness).  
**Membrane:** — Any modified bitumen system, fluid applied systems, spray applied foam and coating systems or CPE, CSM, CSPE, PIB, NBP, TRE, EPDM, TPO or PVC single ply membrane system suitable for use over the types of insulation specified above Classified under Roofing Systems (TGFU).

**Note 5:** Classification (A, B or C) and incline limited to membrane manufacturer's insulated roofing systems (TGFU) Certifications but incline is not to exceed 3-in.

## **SAMB – UL CLASS A over Wood Deck, max slope 1:12**

### **Option 4**

**Membrane:** SA-Cap Sheet  
**Base Sheet (optional):** SA-Base Sheet  
**Barrier Board:** Securock gypsum-fiber roof board – 1/4” thick  
**Insulation (optional):** Polyiso, any thickness,  
**Roof Deck:** Min 15/32 OSB (wood)

**This system requires two UL listings to prove that it is Class A.**

**MULE-HIDE PRODUCTS, CO., INC.  
UNDERWRITERS LABORATORIES (UL) TGFU.R13850, ROOFING SYSTEMS**

**7. Deck:** NC **Incline:** 1  
**Insulation (Optional):** — Polyisocyanurate, any thickness.  
**Base Sheet (Optional):** — "SA BASE SHEET" self-adhered  
**Membrane:** — "SA-APP CAP SHEET" or "SA-SBS CAP SHEET", self adhered.

**UNITED STATES GYPSUM CO,  
UNDERWRITERS LABORATORIES (UL) TGFU.R.1319, ROOFING SYSTEMS**

**9. Deck:** C-15/32 **Incline:** See Note 2  
**Insulation:** — Fiberglass, polyisocyanurate, perlite or wood fiber, (UL Classified, any thickness).  
**Barrier Board:** — 1/4, 3/8, 1/2 or 5/8 in. thick SECUROCK® Gypsum-Fiber Roof Board (Type FRX-G) mechanically fastened or fully adhered with all barrier board butt joints staggered a minimum of 6 in. from the plywood deck butt joints.  
**Membrane:** — Any modified bitumen system, fluid applied systems, spray applied foam and coating systems or CPE, CSM, CSPE, PIB, NBP, TRE, EPDM, TPO or PVC single ply membrane system suitable for use with any roof insulation Classified under Roofing Systems (TGFU).

**Note 2:** Classification (A, B or C) and incline limited to membrane manufacturer's insulated or non-insulated roofing systems (TGFU) Certifications but incline is not to exceed 3-in.

## **SAMB – UL CLASS A over Wood Deck, max slope 2:12**

### **Option 5**

**Membrane:** SA-Cap Sheet (FR) or SA-APP KoolCap FR  
**Ply Sheet:** SA-Base Sheet (FR) – Optional  
**Base Sheet:** Nail-Base or SA-Base Sheet (FR)  
**Insulation (optional):** Polyiso or wood fiber – any thickness”  
**Roof Deck:** Min 15/32 OSB (wood)

Here is the UL listing to prove the above system is Class A

**MULE-HIDE PRODUCTS, CO., INC.,  
UNDERWRITERS LABORATORIES (UL) TGFU.R13850, ROOFING SYSTEMS**

13. **Deck:** C-15/32

**Incline:** 2

**Insulation (Optional):** — Polyisocyanurate, perlite, wood fiber or polyisocyanurate/perlite board, any thickness.

**Base Sheet:** — "Nail Base", mechanically fastened or "SA Base Sheet (FR)" self-adhered

**Ply Sheet (Optional):** — "SA Base Sheet (FR)" self-adhered.

**Membrane:** — "SA-Base Cap Sheet (FR)", "SA-APP Kool Cap G FR", "SA-Base SBS Cap Sheet (FR)" or "SA-Base KoolCap FR", self-adhered; or "APP Torch G FR", heat fused.

## **SAMB – UL CLASS A over Wood Deck, max slope 2:12**

### **Option 6**

**Membrane:** SA-Cap Sheet (FR) or SA-APP KoolCap FR  
**Ply Sheet:** SA-Base Sheet (FR) – Optional  
**Base Sheet:** Nail-Base or SA-Base Sheet (FR)  
**Insulation (optional):** Polyiso – any thickness”  
**Roof Deck:** Min 15/32 OSB (wood)

Here is the UL listing to prove the above system is Class A

**MULE-HIDE PRODUCTS, CO., INC.,  
UNDERWRITERS LABORATORIES (UL) TGFU.R13850, ROOFING SYSTEMS**

1. **Deck:** C-15/32

**Incline:** 2

**Insulation (Optional):** — Polyisocyanurate, polystyrene, perlite, wood fiber or polyisocyanurate/perlite board, any thickness.

**Barrier Board:** — Minimum ¼-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard", "DensDeck Prime® Roofboard", "DensDeck DuraGuard™ Roofboard", or minimum ¼-in United States Gypsum Co. "Securock™ Roof Board (Type FRX-G)" mechanically fastened with all joints staggered 6-in. from the plywood joints.

**Base Sheet:** — "NAIL BASE" (poly/sand), mechanically fastened or "SA BASE SHEET (FR)" self-adhered.

**Ply Sheet (Optional):** — "SA BASE SHEET (FR)", self-adhered.

**Membrane:** — SA-APP CAP SHEET (FR)" or "SA-SBS CAP SHEET (FR)", self-adhered.



## **SAMB – UL CLASS A over Wood Deck, max slope 1:12**

### **Option 7**

**Membrane:** SA-Cap Sheet (FR) or SA-KoolCap (FR)  
**Barrier Board:** Dens Deck Prime – 1/4” thick  
**Roof Deck:** Min 15/32 OSB (wood)

This system requires two UL listings to prove that it is Class A.

**MULE-HIDE PRODUCTS, CO., INC.**  
**UNDERWRITERS LABORATORIES (UL) TGFU.R13850, ROOFING SYSTEMS**

12. **Deck:** NC

**Incline:** 3

**Membrane:** — "SA-APP Cap Sheet (FR)", "SA-APP KoolCap G FR", "SA-SBS KoolCap FR" or "SA-SBS Cap Sheet (FR)" self-adhered.

**GEORGIA-PACIFIC GYPSUM LLC**  
**UNDERWRITERS LABORATORIES (UL) TGFU.R.15206, ROOFING SYSTEMS**

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

**Incline:** See Note 1

**Barrier Board: (See Note 3)** — 1/4-in., 1/2-in. or 5/8-in. thick "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" with all joints staggered a min of 6 in. from the plywood joints.

**Insulation:** (Optional): — Fiberglass, polyisocyanurate, perlite or wood fiber, any thickness.

**Membrane:** — Any UL Classified modified bitumen system, cold-applied or hot-mopped BUR, spray applied foam and coating systems, CPE, CSM, CSPE, EPDM, NBP, PIB, PVC, TPO or TRE membrane systems or other noncombustible roof covers suitable for use with any roof insulation.

**Note 1:** Classification (A, B or C) and max incline will be the same as that of the Classified Roofing System (TGFU) currently limited to noncombustible deck.

**Note 3:** The use of the "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" as a barrier board directly over the combustible deck permits the use of any Classified Roofing System (TGFU) which otherwise is limited to use over noncombustible deck. When used, insulation must consist of one of the types specified.

## **SAMB – UL CLASS A over Wood Deck, max slope 1:12**

### **Option 8**

**Membrane:** SA-Cap Sheet (FR) or SA-KoolCap (FR)  
**Barrier Board:** Securock gypsum-fiber roof board – 1/4” thick  
**Roof Deck:** Min 15/32 OSB (wood)

This system requires two UL listings to prove that it is Class A.

**MULE-HIDE PRODUCTS, CO., INC.**  
**UNDERWRITERS LABORATORIES (UL) TGFU.R13850, ROOFING SYSTEMS**

12. **Deck:** NC **Incline:** 3

**Membrane:** — "SA-APP Cap Sheet (FR)", "SA-APP KoolCap G FR", "SA-SBS KoolCap FR" or "SA-SBS Cap Sheet (FR)" self-adhered.

**UNITED STATES GYPSUM CO,**  
**UNDERWRITERS LABORATORIES (UL) TGFU.R.1319, ROOFING SYSTEMS**

10. **Deck:** C-15/32 **Incline:** See Note 5

**Barrier Board:** — 1/4, 3/8, 1/2 or 5/8 in. thick SECUROCK® Gypsum-Fiber Roof Board (Type FRX-G) mechanically fastened or fully adhered with all barrier board butt joints staggered a minimum of 6 in. from the plywood deck butt joints.

**Insulation:** — Fiberglass, polyisocyanurate, perlite or wood fiber, (UL Classified, any thickness).

**Membrane:** — Any modified bitumen system, fluid applied systems, spray applied foam and coating systems or CPE, CSM, CSPE, PIB, NBP, TRE, EPDM, TPO or PVC single ply membrane system suitable for use over the types of insulation specified above Classified under Roofing Systems (TGFU).

**Note 5:** Classification (A, B or C) and incline limited to membrane manufacturer's insulated roofing systems (TGFU) Certifications but incline is not to exceed 3-in.

## SAMB – UL CLASS A over Wood Deck, max slope 1:12

### Option 9

**Membrane:** SA-Cap Sheet (FR) or SA-KoolCap (FR)  
**Base Sheet:** SA-Base Sheet (FR)  
**Insulation (optional):** Polyiso – any thickness”  
**Barrier Board:** Dens Deck Prime – 1/4” thick  
**Roof Deck:** Min 15/32 OSB (wood)

This system requires two UL listings to prove that it is Class A.

**MULE-HIDE PRODUCTS, CO., INC.**  
**UNDERWRITERS LABORATORIES (UL) TGFU.R13850, ROOFING SYSTEMS**

11. Deck: NC

Incline: 3

**Insulation (Optional):** — Atlas Roofing Corp. "ACFoam III" or "ACFoam II" or Hunter Panels "H-Shield" any thickness.

**Base Sheet:** — "SA Base Sheet 6163 (FR)" self-adhered.

**Membrane:** — "SA-APP Cap Sheet (FR)", "SA-APP KoolCap G FR", "SA-SBS Cap Sheet (FR)" or "SA-SBS KoolCap FR" self-adhered.

**GEORGIA-PACIFIC GYPSUM LLC**  
**UNDERWRITERS LABORATORIES (UL) TGFU.R.15206, ROOFING SYSTEMS**

2. Deck: C-15/32

Incline: See Note 1

**Barrier Board: (See Note 3)** — 1/4-in., 1/2-in. or 5/8-in. thick "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" with all joints staggered a min of 6 in. from the plywood joints.

**Insulation:** (Optional): — Fiberglass, polyisocyanurate, perlite or wood fiber, any thickness.

**Membrane:** — Any UL Classified modified bitumen system, cold-applied or hot-mopped BUR, spray applied foam and coating systems, CPE, CSM, CSPE, EPDM, NBP, PIB, PVC, TPO or TRE membrane systems or other noncombustible roof covers suitable for use with any roof insulation.

**Note 1:** Classification (A, B or C) and max incline will be the same as that of the Classified Roofing System (TGFU) currently limited to noncombustible deck.

**Note 3:** The use of the "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" as a barrier board directly over the combustible deck permits the use of any Classified Roofing System (TGFU) which otherwise is limited to use over noncombustible deck. When used, insulation must consist of one of the types specified.

## SAMB – UL CLASS A over Wood Deck, max slope 1:12

### Option 10

**Membrane:** SA-Cap Sheet (FR) or SA-KoolCap (FR)  
**Base Sheet:** SA-Base Sheet (FR)  
**Barrier Board:** Dens Deck Prime – 1/4” thick  
**Insulation (optional):** Polyiso – any thickness”  
**Roof Deck:** Min 15/32 OSB (wood)

This system requires two UL listings to prove that it is Class A.

#### MULE-HIDE PRODUCTS, CO., INC. UNDERWRITERS LABORATORIES (UL) TGFU.R13850, ROOFING SYSTEMS

11. Deck: NC

Incline: 3

**Insulation (Optional):** — Atlas Roofing Corp. "ACFoam III" or "ACFoam II" or Hunter Panels "H-Shield" any thickness.

**Base Sheet:** — "SA Base Sheet 6163 (FR)" self-adhered.

**Membrane:** — "SA-APP Cap Sheet (FR)", "SA-APP KoolCap G FR", "SA-SBS Cap Sheet (FR)" or "SA-SBS KoolCap FR" self-adhered.

#### GEORGIA-PACIFIC GYPSUM LLC UNDERWRITERS LABORATORIES (UL) TGFU.R.15206, ROOFING SYSTEMS

1. Deck: C-15/32

Incline: See Note 1

**Insulation:** — Any UL Classified, any thickness.

**Barrier Board: (See Note 2)** — 1/4-in., 1/2-in. or 5/8-in. thick "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" with all joints staggered a min of 6 in. from the plywood joints.

**Membrane:** — Any UL Classified modified bitumen system, cold-applied or hot-mopped BUR, spray applied foam and coating systems, CPE, CSM, CSPE, EPDM, NBP, PIB, PVC, TPO or TRE membrane systems or other noncombustible roof covers suitable for use with any roof insulation.

**Note 1:** Classification (A, B or C) and max incline will be the same as that of the Classified Roofing System (TGFU) currently limited to noncombustible deck.

**Note 2:** The use of the "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" as a barrier board over the insulation permits the use of any Classified Roofing System (TGFU) which otherwise is limited to use over noncombustible deck.

## SAMB – UL CLASS A over Wood Deck, max slope 1:12

### Option 11

**Membrane:** SA-Cap Sheet (FR) or SA-KoolCap (FR)  
**Base Sheet:** SA-Base Sheet (FR)  
**Insulation (optional):** Polyiso – any thickness”  
**Barrier Board:** Securock gypsum-fiber roof board – 1/4” thick  
**Roof Deck:** Min 15/32 OSB (wood)

This system requires two UL listings to prove that it is Class A.

#### MULE-HIDE PRODUCTS, CO., INC. UNDERWRITERS LABORATORIES (UL) TGFU.R13850, ROOFING SYSTEMS

11. **Deck:** NC

**Incline:** 3

**Insulation (Optional):** — Atlas Roofing Corp. "ACFoam III" or "ACFoam II" or Hunter Panels "H-Shield" any thickness.

**Base Sheet:** — "SA Base Sheet 6163 (FR)" self-adhered.

**Membrane:** — "SA-APP Cap Sheet (FR)", "SA-APP KoolCap G FR", "SA-SBS Cap Sheet (FR)" or "SA-SBS KoolCap FR" self-adhered.

#### UNITED STATES GYPSUM CO, UNDERWRITERS LABORATORIES (UL) TGFU.R.1319, ROOFING SYSTEMS

10. **Deck:** C-15/32

**Incline:** See Note 5

**Barrier Board:** — 1/4, 3/8, 1/2 or 5/8 in. thick SECUROCK® Gypsum-Fiber Roof Board (Type FRX-G) mechanically fastened or fully adhered with all barrier board butt joints staggered a minimum of 6 in. from the plywood deck butt joints.

**Insulation:** — Fiberglass, polyisocyanurate, perlite or wood fiber, (UL Classified, any thickness).

**Membrane:** — Any modified bitumen system, fluid applied systems, spray applied foam and coating systems or CPE, CSM, CSPE, PIB, NBP, TRE, EPDM, TPO or PVC single ply membrane system suitable for use over the types of insulation specified above Classified under Roofing Systems (TGFU).

**Note 5:** Classification (A, B or C) and incline limited to membrane manufacturer's insulated roofing systems (TGFU) Certifications but incline is not to exceed 3-in.

## **SAMB – UL CLASS A over Wood Deck, max slope 1:12**

### **Option 12**

**Membrane:** SA-Cap Sheet (FR) or SA-KoolCap (FR)  
**Base Sheet:** SA-Base Sheet (FR)  
**Barrier Board:** Securock gypsum-fiber roof board – 1/4” thick  
**Insulation (optional):** Polyiso – any thickness”  
**Roof Deck:** Min 15/32 OSB (wood)

**This system requires two UL listings to prove that it is Class A.**

### **MULE-HIDE PRODUCTS, CO., INC. UNDERWRITERS LABORATORIES (UL) TGFU.R13850, ROOFING SYSTEMS**

**11. Deck:** NC

**Incline:** 3

**Insulation (Optional):** — Atlas Roofing Corp. "ACFoam III" or "ACFoam II" or Hunter Panels "H-Shield" any thickness.

**Base Sheet:** — "SA Base Sheet 6163 (FR)" self-adhered.

**Membrane:** — "SA-APP Cap Sheet (FR)", "SA-APP KoolCap G FR", "SA-SBS Cap Sheet (FR)" or "SA-SBS KoolCap FR" self-adhered.

### **UNITED STATES GYPSUM CO, UNDERWRITERS LABORATORIES (UL) TGFU.R.1319, ROOFING SYSTEMS**

**9. Deck:** C-15/32

**Incline:** See Note 2

**Insulation:** — Fiberglass, polyisocyanurate, perlite or wood fiber, (UL Classified, any thickness).

**Barrier Board:** — 1/4, 3/8, 1/2 or 5/8 in. thick SECUROCK® Gypsum-Fiber Roof Board (Type FRX-G) mechanically fastened or fully adhered with all barrier board butt joints staggered a minimum of 6 in. from the plywood deck butt joints.

**Membrane:** — Any modified bitumen system, fluid applied systems, spray applied foam and coating systems or CPE, CSM, CSPE, PIB, NBP, TRE, EPDM, TPO or PVC single ply membrane system suitable for use with any roof insulation Classified under Roofing Systems (TGFU).

**Note 2:** Classification (A, B or C) and incline limited to membrane manufacturer's insulated or non-insulated roofing systems (TGFU) Certifications but incline is not to exceed 3-in.

roofing systems (TGFU) Certifications but incline is not to exceed 3-in.