UNDERWRITERS LABORATORIES ROOF SYSTEM APPROVALS

For a complete listing of roofing codes go to www.Insulfoam.com.
Click on Roofing Applications and select Technical Information.

Single Ply Systems

Single Ply- Mechanically Attached

*Class A
Deck: Combustible or Non-Combustible
System: Single Ply- Mechanically Attached
Barrier Board: 1/2" (min.) gypsum board or 1/4" (min.) DensDeck.
Insulation: InsulFoam EPS, Tapered InsulFoam, R-Tech; any thickness, any density.
Membrane: Any UL-Classified EPDM, TPO, PVC, CPE, CSPE, CR, NBP, EIP, EP, PIB or TPA.
Surfacing: See membrane listing.

*Class A
Deck: Non-Combustible
System: Single Ply- Mechanically Attached
Insulation: InsulFoam SP; any thickness, any density, mechanically attached.
Membrane: InsulFoam HD Composite, any thickness, any density.
Surfacing: See membrane listing.

Note: Classification (A, B or C) will be the same as the classification for the membrane when applied directly over polyisocynaurate insulation. The maximum incline can not exceed 1/2:12
### Bituminous Systems

#### Self-Adhered Modified Bitumen

<table>
<thead>
<tr>
<th>*Class A</th>
<th><strong>Deck:</strong> Non-Combustible</th>
<th><strong>System:</strong> Self-Adhered Modified Bitumen</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Barrier Board:</strong></td>
<td>1/4&quot; (min.) G-P Gypsum DensDeck® or 1/2&quot; (min.) gypsum board with 6&quot; offset to plywood joints.</td>
<td></td>
</tr>
<tr>
<td><strong>Insulation:</strong></td>
<td>InsulFoam EPS, Tapered InsulFoam, InsulFoam SP, InsulFoam HD Composite; any thickness, any density.</td>
<td></td>
</tr>
</tbody>
</table>
| **Membrane:** | 1. Polyglass Elastoflex SA V FR Base self-adhered/Polyglass Elastoflex SA V FR.  
2. Polyglass Elastoflex SA V FR Base self-adhered/Polyglass Elastoflex VG FR.  
| **Surfacing:** | See membrane listing. |

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| **Membrane:** | 1. Polyglass Elastoflex SA V FR Base self-adhered/Polyglass Elastoflex SA V FR.  
2. Polyglass Elastoflex SA V FR Base self-adhered/Polyglass Elastoflex VG FR.  
| **Surfacing:** | See membrane listing. |

#### Modified Bitumen

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<th><strong>System:</strong> Modified Bitumen</th>
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<tr>
<td><strong>Insulation:</strong></td>
<td>InsulFoam EPS, Tapered InsulFoam, R-Tech, InsulLam, InsulVent; any thickness, any density.</td>
<td></td>
</tr>
<tr>
<td><strong>Membrane:</strong></td>
<td>Any UL-Classified Modified Bitumen.</td>
<td></td>
</tr>
<tr>
<td><strong>Surfacing:</strong></td>
<td>See membrane listing.</td>
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**BUR Membrane**

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<tr>
<th>*Class A</th>
<th><strong>Deck:</strong> Combustible or Non-Combustible</th>
<th><strong>System:</strong> BUR Membrane</th>
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<tr>
<td><strong>Insulation:</strong></td>
<td>InsulFoam EPS, Tapered InsulFoam, R-Tech, InsulLam, InsulVent; any thickness, any density.</td>
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</table>
| **Membrane:** | 3-5 plies UL-Classified  
A. Type 15 (organic)  
B. G1 or G2 (fiberglass) |
| **Surfacing:** | A. 400 lbs. roofing gravel/square  
B. 400 lbs. crushed stone/square  
C. 300 lbs. crushed slag/square  
D. Type G3 mineral surfaced cap sheet |
**Maintenance and Repair**

*Class A, B or C*

**Deck:** Combustible or Non-Combustible

**Existing**

- **Roof System:** Class A, B or C built-up smooth surface, cap sheet or gravel surfaced, gravel may be removed.
- **Insulation:** InsulFoam EPS, R-Tech or R-Tech Fanfold; any thickness, any density.
- **Membrane:** Any UL-Classified EPDM, TPO, PVC, CPE, CSPE, CR, NBP, EIP, EP, PIB or TPA.
- **Surfacing:** River bottom stone (3/4"-1 1/2" dia.) at a min. 900 lbs./square.

*Class A, B or C*

**Deck:** Combustible or Non-Combustible

**Existing**

- **Roof System:** Class A, B or C built-up smooth surface, cap sheet or gravel surfaced (gravel maintained) to retain the existing Classification.
- **Insulation:** InsulFoam SP; any thickness, any density, mechanically attached.
- **Membrane:** Any UL-Classified TPO, PVC or CSPE max. 60 mil., mechanically attached.
- **Surfacing:** See membrane listing.

*Class A, B or C*

**Deck:** Non-Combustible

**Existing**

- **Roof System:** Class A, B or C built-up smooth surface, cap sheet or gravel surfaced, gravel may be removed.
- **Insulation:** InsulFoam EPS, R-Tech or R-Tech Fanfold; max. 1" thickness, any density.
- **Membrane:** Mechanically attach one of the following:
  A. Conklin "Hi-Crown" (CSPE)
  B. Burke "358" (CSPE)
  C. Stevens Hypalon
  D. Seaman Fibertite (EIP)
  E. Duro-Last (PVC)
- **Surfacing:** See membrane listing.

*Class A, B or C*

**Deck:** Non-Combustible

**Existing**

- **Roof System:** Class A, B or C built-up smooth surface, cap sheet or gravel surfaced (gravel maintained) to retain existing classification.
- **Insulation:** InsulFoam EPS, R-Tech or R-Tech Fanfold; max. 1" thickness, any density.
- **Membrane:** Mechanically attach one of the following:
  Any UL-Classified EPDM, TPO, PVC, CSPE, EIP, TPA or CPA.
- **Surfacing:** See membrane listing.