

## Complete Karnak U.L. Approved Systems Listing

Alphabetical Company Listing: K-L

| Company                   | Deck Type | Membrane Manufact. | System                                                                                                                                                                                 | INC.  | Surfacing Coating                                                                        | U.L. Class |
|---------------------------|-----------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------|------------|
| KARNAK Corp.<br>Clark, NJ | NC        | N/A                | Primer: No. 96 Elastomeric<br>PrimerSeam<br>Sealer:(Optional)W/5548<br>Resat-Mat<br>Base: Elasto-Brite-M Base<br>Finish Coat: Elasto-Brite-M<br>Finish                                 | UNLIM | #96,1/2 gal/sq<br>505 S.S 1/8<br>505B, 1 gal/sq<br>505F, 1 gal/sq                        | A          |
|                           | NC        | N/A                | Primer: #447 TD-1 Parts A B<br>Base: TD-1 #401 Base Coat<br>Finish Coat: TD-1 #403<br>Finish Coat<br>Aggregate: 35-65 mesh<br>silica sand                                              | UNLIM | 447,125sqft/gal<br>401,50 sqft/gal<br>403,100sqft/gal<br>8-10 lbs/sq                     | A          |
|                           | NC        | N/A                | Primer: #447 TD-1 Parts A B<br>Base: TD-1 #401 Base Coat<br>Intermed. Coat: #402<br>Intermediate Coat<br>Finish Coat: TD-1 #403<br>Finish Coat<br>Aggregate: 35-65 mesh<br>silica sand | UNLIM | 447,125sqft/gal<br>401,50 sqft/gal<br>402,100sqft/gal<br>403,100sqft/gal<br>10-12 lbs/sq | A          |
|                           | NC        | US INTEC           | Insulation: GF, WF, Perlite<br>Base Sheet: Type15, or G-2<br>Membrane: US INTEC<br>Brai4,B4,BSP-4,SP-4                                                                                 | 1/4"  | #97 or #97AF<br>(1-2 gal/sq)                                                             | A          |
|                           | NC        | US INTEC           | Membrane: US INTEC<br>Brai4,B4                                                                                                                                                         | 1/4"  | #97 or #97AF<br>(1-2 gal/sq)                                                             | A          |
|                           | NC        | US INTEC           | Insulation: GF, WF, Perlite<br>Base Sheet: Type15, or G-2<br>Membrane: US INTEC<br>Brai4,B4,BSP-4,SP-4                                                                                 | 1/4"  | #97 or #97AF<br>(1-2 gal/sq)                                                             | A          |
|                           | NC        | NORDBITUMI         | Insulation: GF, WF, Perlite<br>Base Sheet: Type G-2<br>Membrane: Nord Poly 4B,<br>Nord Poly 5B                                                                                         | 1/2"  | #97 or #97AF<br>(1-2 gal/sq)                                                             | A          |
|                           | NC        | NORDBITUMI         | Insulation: GF, WF, Perlite<br>Base Sheet: Type G-2<br>Membrane: Nordflex S                                                                                                            | 1/4"  | #97 or #97AF<br>(1-2 gal/sq)                                                             | A          |
|                           | NC        | Firestone          | Insulation: Various<br>Base Sheet: Type G-3<br>(inverted)                                                                                                                              | 1"    | #169<br>(1 gal/sq)                                                                       | A          |
|                           | NC        | Firestone          | Insulation: Various<br>Base Sheet: Type G-1, G-2,<br>G-3<br>Membrane: Firestone<br>APP-160, APP-170                                                                                    | 1"    | #97 or #169<br>(1 gal/sq)                                                                | A          |
|                           | NC        | Pro. Bldg.         | Insulation: Various                                                                                                                                                                    | 1/2"  | #97 or #97AF                                                                             | A          |

|  |                |            |                                                                                                                                                                                                  |      |                                          |   |
|--|----------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------|---|
|  |                | Products   | Base Sheet: Type G-1, G-2<br>Membrane: Derbigum                                                                                                                                                  |      | (1-2 gal/sq)                             |   |
|  | NC             | TAMKO      | Insulation: ISO 1.5 TO 2.5 IN.<br>Base Sheet: 3 IAYERS Type G-1<br>Membrane: 1 layer Awaplan Smooth                                                                                              | 1/4" | #97<br>(1-2 gal/sq)                      | A |
|  | NC             | N/A        | Insulation: Various<br>Ply Sheet: 3 + Layers Type G-1or G-2                                                                                                                                      | 1"   | #220AF<br>(3 gal/sq)                     | A |
|  | NC             | N/A        | Insulation: GF, WF, Perlite<br>Ply Sheet: 3 + Layers Type G-1or G-2                                                                                                                              | 3"   | #220AF<br>(3 gal/sq)                     | A |
|  | NC             | TAMKO      | Base Sheet: 1 or more Layer Type G-1<br>Base Sheet: Optional<br>Membrane: 1 layer Awaplan Granule                                                                                                | 1/4" | #81AF@(3gal/sq)<br>#97AF<br>(1-2 gal/sq) | A |
|  | NC             | TypeG1orG2 | Insulation: Composite any thickness M/A<br>Base/Ply Sheet: 1 or more G-1,G-2 mopped<br>Followed by Glaze coat                                                                                    | 1/4" | #97 or #97AF<br>(1-1/2 gal/sq)           | A |
|  | NC             | TypeG1orG2 | Insulation: GF 3/4""min.<br>Mech. Attached<br>Base/Ply Sheet: 4 plies G-1, G-2 Mopped                                                                                                            | 1"   | #97AF<br>(1-1/2 gal/sq)                  | A |
|  | C-15/32        | NordBitumi | Base Sheet: Type G-2<br>Membrane: Nord Poly 4B                                                                                                                                                   | 1/4" | #97 or #97AF<br>(1-2 gal/sq)             | A |
|  | C-15/32        | Firestone  | Insulation: GF, WF, Perlite, ISO<br>Base Sheet: Type G-2<br>Membrane: Firestone APP-160, APP-170 or Monoply Plus                                                                                 | 1/4" | #97 or #97AF<br>(1 gal/sq)               | A |
|  | C-15/32        | ProBldProd | Insulation: 1/2"" Gyp Board<br>Base Sheet: Type G-1<br>Membrane: Derbigum                                                                                                                        | 1/2" | #97 or #97AF<br>(1-2 gal/sq)             | A |
|  | C-15/32        | TAMKO      | Insulation: GF, WF, Perlite<br>Base Sheet: Optional can be adhered W/<br>#81 Glass-Base<br>Base Sheet: Versa Base FR<br>Membrane: Awaplan Premium FR, 170 FR, Versa Cap FR, can be adhered w/#81 | 1/4" | #81AF @<br>(1-1 1/2gal/sq)               | B |
|  | C-15/32<br>M R | Firestone  | Existing System: Class A covered W/<br>Membrane: Firestone APP-160, APP-170 or Monoply Plus                                                                                                      | 1/2" | #97 or #97AF<br>(1 gal/sq)               | A |
|  | C-15/32<br>M R | Firestone  | Existing System: Class A,B,C covered W/<br>Base Sheet: Type G-3 (inverted)<br>Membrane: Firestone APP-160, APP-170 or Monoply Plus                                                               | 1"   | #97 or #97AF<br>(1 gal/sq)               | A |
|  | NC<br>M R      | Firestone  | Existing System: BUR any Class A, B, C<br>Insulation: ISO,Urethane,GF, WF, Perlite                                                                                                               | 1"   | #97 or #97AF<br>(1 gal/sq)               | A |

|                                    |                |           |                                                                                                                                                                     |      |                                                      |   |
|------------------------------------|----------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------|---|
|                                    |                |           | Base Sheet: Type G-1,G-2,G-3 1 or more layers optional Membrane: Firestone APP-160, APP-170 or Monoply Plus                                                         |      |                                                      |   |
|                                    | C-15/32        | N/A       | Existing System: BUR Any Class A,B,C<br>Base Coat: #16AF or #78AF C.P.C.<br>Ply Coat: 1 or more layers Polyester Mat<br>Top Coat: #16AF or #78AF C.P.C.             | 1/2" | #16AF or #78AF (2-1/2 gal/sq)<br><br>4 gal/sq/Gravel | A |
|                                    | NC<br>M R      | N/A       | Existing System: BUR Any Class A,B,C<br>Base Coat: #16AF or #78AF C.P.C.<br>Ply Coat: 1 or more layers Polyester Mat<br>Top Coat: #16AF or #78AF C.P.C.             | 2"   | #16AF or #78AF (2-1/2 gal/sq)<br><br>4 gal/sq/Gravel | A |
|                                    | NC<br>M R      | N/A       | Existing System: BUR Class A,B,C<br>Base Coat: #220AF FiberedAsphaltEmulsion<br>Ply Coat: 1 or more layers Polyester Mat<br>Top Coat: #220AF FiberedAsphaltEmulsion | 3"   | #220AF (2 gal/sq)<br>(3 gal/sq)                      | A |
|                                    | C-15/32<br>M R | Firestone | Existing System: Class B covered W/<br>Membrane: Firestone APP-160, APP-170 or Monoply Plus                                                                         | 1/2" | #97 or #97AF (1 gal/sq)                              | B |
|                                    | C-15/32<br>M R | Firestone | Existing System: Class C covered W/<br>Membrane: Firestone APP-160, APP-170 or Monoply Plus                                                                         | 1/2" | #97 or #97AF (1 gal/sq)                              | C |
| Koppers Indust.<br>Pittsburgh, PA. | NC             | Koppers   | Insulation: (Optional) GF, WF, perlite<br>Base Sheet: Type G-2<br>Membrane: 2040-S, 2050-S                                                                          | 2"   | #97 or #97AF (1 to 2 gal/sq)                         | A |
|                                    | NC             | Koppers   | Insulation: GF, WF, perlite 1-1/2" max.<br>Base Sheet: Type G-2<br>Membrane: 2041-M, 2041-S, 2045-M                                                                 | 1/4" | #97 or #97AF (1 to 2 gal/sq)                         | A |
|                                    | NC             | Koppers   | Base Sheet: (Optional) Type G-2<br>Membrane: 2040-S, 2050-S                                                                                                         | 1"   | #97 or #97AF (1 to 2 gal/sq)                         | A |
|                                    | C-15/32        | Koppers   | Insulation: GF 1-1/2<br>Base Sheet: Type G-2<br>Membrane: 2040-S, 2050-S                                                                                            | 1/4" | #97 or #97AF (2 gal/sq)                              | B |

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