

| Application Type | Assembly # | Deck Grade (KS) and Span length: "w" indicates "wide rib" | Thermal Barrier | Thermal Barrier Securement | Securement Rate | Vapor Barrier | Insulation | Insulation Thickness | Insulation Securement | Insulation Securement Rate (Fastener #/ft ²) | Cover Board | Cover Board Securement | Cover Board Securement Rate (Fastener #/ft ²) | Membrane Securement | Membrane Securement Rate (FA or Ribbons:X" OC) | Membrane | Slope (X":1 ft) | Wind Uplift (PSF) | External Fire (Class) | Hail Rating |
|------------------|------------|---|--|----------------------------|-----------------|---------------|------------|----------------------|-----------------------|--|--------------------------------------|---------------------------------|---|---------------------|--|-----------------|-----------------|-------------------|-----------------------|-------------|
| N | 234931-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | Min 1.5"-12" | UF | 1:2 | DD | G2PUIA, 2PUIA's, 2PUIAC's | 12" OC | SA | AD | TPO SA | 2 | 90 | A | SH |
| N | 270500-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | Min 1.5"-4" | UF | 1:2 | DD | G2PUIA, 2PUIA's, 2PUIAC's | 12" OC | SA | AD | TPO SA | 2 | 90 | A | SH |
| N | 308848-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | Min 2"-12" | UF | 1:4 | DD | G2PUIA, 2PUIA's, 2PUIAC's | 12" OC | LVOC | AD | TPO, | 1 | 90 | A | SH |
| N | 324774-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | Min 1.5"-12" | UF | 1:2 Stag | DDP, DD SX P, RP B, DX FA VSH, SR GF | G2PUIA, RSUA, 2PUIA's, 2PUIAC's | 12" OC | HA | AD | TPO FB 150, 175 | 0.75 | 90 | A | SH |
| N | 361256-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | Min 1.5"-12" | UF | 1:2 | PR | G2PUIA, 2PUIA, 2PUIA C | 12" | TPO WB | AD | TPO FB 115, 135 | 0.75 | 90 | A | SH |
| N | 361313-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | Min 2"-12" | UF | 1:4 | SR GF | G2PUIA, 1S, 2PUIA, 2PUIA C | 12" | ASSAB, TPO WB | AD | TPO FB 115, 135 | 2 | 90 | A | SH |
| N | 361315-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | Min 2"-12" | UF | 1:4 | SR GF | G2PUIA, 2PUIA, 2PUIA C | 12" | SA/TPO WB | AD | TPO/ TPO SA | 2 | 90 | A | SH |

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|------------------|------------|--|--|----------------------------|-----------------|---------------|------------|----------------------|-----------------------|--|------------------------|-------------------------------------|---|---------------------|--|-------------|-----------------|-------------------|-----------------------|-------------|
| N | 361316-0-0 | 33 (22-16 ga./72") | (DX FG, SR GF) | - | - | APX, APX E | E3 | Min 1.5"-36" | UF | 1:2 | SR GF | G2PUIA, 1S, 2PUIA, RSUA | 12" | SA/WB | AD | TPO/ TPO SA | 2 | 90 | A | SH |
| N | 371883-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | Min 1.5"-36" | UF | 1:2 | SR GF | G2PUIA, 1S, 2PUIA, 2PUIA C | 12" | SA | AD | TPO SA | 0.5 | 90 | A | SH |
| N | 391116-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | Min 1.5"-12" | UF | 1:2 | DD | G2PUIA, 2PUIA, 2PUIA C | 12" | LVOC | AD | TPO | 1 | 90 | A | SH |
| N | 391140-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:4 | SR GF | G2PUIA, 1S, 2PUIA's, 2PUIAC's, RSUA | 12" | LVOC/1168 | AD | TPO | 1 | 90 | A | SH |
| N | 393867-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:2 | DX C, DX FG, DX FA VSH | 2PUIA's, 2PUIAC's | 12" | SA | AD | TPO SA | 2 | 90 | A | SH |
| N | 393873-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | | UF | 1:2 | DX C, DX FG, DX FA VSH | 2PUIA's, 2PUIAC's | 12" | SA | AD | TPO SA | 2 | 90 | A | SH |
| N | 393874-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-12" | UF | 1:4 | DX C, DX FG, DX FA VSH | 2PUIA's | 12" | LVOC | AD | TPO | 0.5 | 90 | A | SH |

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|------------------|------------|---|--|----------------------------|-----------------|---------------|------------|----------------------|-----------------------|--|------------------------|-------------------------------|---|---------------------|--|----------|-----------------|-------------------|-----------------------|-------------|
| N | 393881-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:2 Stag | DX C, DX FG, DX FA VSH | 2PUIA, T-P UIA | 12" | MBA | AD | TPO | 0.25 | 90 | A | SH |
| N | 393882-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:2 Stag | DX C, DX FG, DX FA VSH | 2PUIA, T-P UIA | 12" | LVOC | AD | TPO | 0.5 | 90 | A | SH |
| N | 393885-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:4 | DX C, DX FG, DX FA VSH | 2PUIA's, 2PUIAC's | 12" | SA | AD | TPO SA | 2 | 90 | A | SH |
| N | 393903-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-36" | UF | 1:2 | DX C, DX FG, DX FA VSH | 2PUIA's | 12" | MBA | AD | TPO | 0.25 | 90 | A | SH |
| N | 393904-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-36" | UF | 1:4 | DX C, DX FG, DX FA VSH | 2PUIA's | 12" | LVOC | AD | TPO | 0.5 | 90 | A | SH |
| N | 393905-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-36" | UF | 1:4 | SR R, SR GF | MBA | 12" | MBA | AD | TPO | 0.25 | 90 | A | SH |
| N | 395939-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-4" | UF | 1:4 | SR C, SR GF | HA, G2PUIA, 2PUIA's, 2PUIAC's | 12" | LVOC, 1168 | AD | TPO | 0.25 | 90 | A | SH |

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|------------------|------------|---|--|----------------------------|-----------------|---------------|------------|----------------------|-----------------------|--|-------------|--|---|---------------------|--|-----------------|-----------------|-------------------|-----------------------|-------------|
| N | 396136-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-4" | UF | 1:4 | SR C, SR GF | HA, G2PUA, 2PUA's, 2PUI-AC's, 1S, RSUA | 12" | LVOC, 1168 | AD | TPO | 1 | 90 | A | SH |
| N | 396141-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-4" | UF | 1:4 | SR C | HA, G2PUA, 2PUA's, 2PUI-AC's, 1S, RSUA | 12" | RSUA | AD or 12" OC | TPO FB-115 | 0.5 | 90 | A | SH |
| N | 396160-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-4" | UF | 1:4 | SR C, SR GF | HA, G2PUA, 2PUA's, 2PUI-AC's, 1S, RSUA | 12" | TPO WB | AD | TPO FB 115, 135 | 2 | 90 | A | SH |
| N | 397082-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-36" | UF | 1:4 | PR HD | G2PUA, 2PUA's, 2PUI-AC's, 1S | 12" | MBA/SA | AD | TPO/TPO SA | 0.5 | 90 | A | SH |
| N | 397530-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-12" | UF | 1:4 | SR GF | G2PUA, 2PUA's, 2PUI-AC's, 1S, RUSA | 12" | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 397531-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-36" | UF | 1:2 | SR GF | G2PUA, 2PUA's, 2PUI-AC's, 1S, RUSA | 12" | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 397565-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-4" | UF | 1:4 | SR C, SR GF | HA, G2PUA, 2PUA's, 2PUIAC's | 12" | MBA | AD | TPO | 1.5 | 90 | A | SH |

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|------------------|------------|---|--|----------------------------|-----------------|---------------|------------|----------------------|-----------------------|--|------------------------|--|---|---------------------|--|-----------------|-----------------|-------------------|-----------------------|-------------|
| N | 397566-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-4" | UF | 1:4 | SR C, SR GF | HA, G2PUIA, 2PUIA's, 2PUI-AC's, 1S, RSUA | 12" | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 397567-0-0 | 33 (22-18 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:1.78 | SR GF | 2PUIA's, 2PUIAC's, RSUA | 6" | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 397568-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:2 | SR C, SR GF | HA, 2PUIA's, 2PUIAC's, RSUA | 12" | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 397697-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:4 | DX C, DX FG, DX FA VSH | HA, 2PUIA's, 2PUIAC's, RSUA | 12" | ASSBA, LVOC, MBA/SA | AD | TPO/ TPO SA | 2 | 90 | A | SH |
| N | 397701-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:4 | DX C, DX FG, DX FA VSH | G2PUIA, 2PUIA's, 2PUIAC's, RUSA | 12" | TPO WB | AD | TPO | 2 | 90 | A | SH |
| N | 410737-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:4 | DX FG, DX FA VSH | 2PUIA's, 2PUI-AC's, | 12" | HA | AD | TPO FB 150, 175 | 0.75 | 90 | A | SH |
| N | 410738-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:2 Stag | DX FG, DX FA VSH | 2PUIA's, 2PUI-AC's, | 12" | HA | AD | TPO FB 150, 175 | 0.75 | 90 | A | SH |

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|------------------|------------|---|--|----------------------------|-----------------|------------------------------|------------|----------------------|-----------------------|--|------------------|--|---|---------------------|--|-----------------|-----------------|-------------------|-----------------------|-------------|
| N | 410746-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-36" | UF | 1:2 | DX FG, DX FA VSH | 2PUIA's, 2PUI-AC's, | 12" | HA | AD | TPO FB 150, 175 | 0.75 | 90 | A | SH |
| N | 410747-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-36" | UF | 1:2 | DX FG, DX FA VSH | 2PUIA's, 2PUI-AC's, | 12" | HA | AD | TPO FB 150, 175 | 0.75 | 90 | A | SH |
| N | 417917-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2 | PR HD, SR GF | 2PUIA's, 2PUIAC's, RSUA | 12" | RSUA | AD or 4" OC | TPO FB | 0.5 | 90 | A | SH |
| N | 429023-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-4" | UF | 1:4 | SR C, SR GF | HA, G2PUIA, 2PUIA's, 2PUI-AC's, 1S, RUSA | 12" OC | 2PUIA's | SA/AD | TPO FB | 0.25 | 90 | A | SH |
| N | 429031-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2 | PR HD, SR GF | 2PUIA's, 2PUIAC's, RUSA | 12" OC | 2PUIAC's | AD | TPO FB | 0.5 | 90 | A | SH |
| N | 455580-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-4" | UF | 1:4 | DDP, DD SX P | 2PUIA's, 2PUI-AC's, 1S, RSUA | 12" OC | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 455603-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-4" | UF | 1:4 | DDP, DD SX P | 2PUIA's, 2PUI-AC's, 1S, RSUA | 12" OC | ASSBA, TPO WB | AD | TPO | 1 | 90 | A | SH |
| N | 455624-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, TPO WB | AD | TPO | 1 | 90 | A | SH |

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|------------------|------------|---|-----------------|----------------------------|-----------------|------------------------------|------------|----------------------|-----------------------|--|--------------|-----------------------------|---|---------------------|--|----------|-----------------|-------------------|-----------------------|-------------|
| N | 455632-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 455642-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, TPO WB | AD | TPO | 1 | 90 | A | SH |
| N | 455647-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-12" | UF | 1:4 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, TPO WB | AD | TPO | 1 | 90 | A | SH |
| N | 455652-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-12" | UF | 1:4 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 455662-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-12" | UF | 1:4 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, LVOC | AD | TPO | 1 | 90 | A | SH |
| N | 455667-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-12" | UF | 1:4 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, LVOC | AD | TPO | 1 | 90 | A | SH |
| N | 455672-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-12" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 455682-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-12" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, LVOC | AD | TPO | 1 | 90 | A | SH |

| Application Type | Assembly # | Deck Grade (KS) and Span length: "w" indicates "wide rib" | Thermal Barrier | Thermal Barrier Securement | Securement Rate | Vapor Barrier | Insulation | Insulation Thickness | Insulation Securement | Insulation Securement Rate (Fastener #/ft ²) | Cover Board | Cover Board Securement | Cover Board Securement Rate (Fastener #/ft ²) | Membrane Securement | Membrane Securement Rate (FA or Ribbons:X" OC) | Membrane | Slope (X":1 ft) | Wind Uplift (PSF) | External Fire (Class) | Hail Rating |
|------------------|------------|---|--|----------------------------|-----------------|------------------------------|------------|----------------------|-----------------------|--|--------------|-------------------------------|---|-----------------------------|--|-----------------|-----------------|-------------------|-----------------------|-------------|
| N | 458642-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-36" | UF | 1:4 | PR HD | G2PUIA, 1S, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, LVOC | AD | TPO FB | 0.25 | 90 | A | SH |
| N | 468978-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, TPO WB | AD | TPO | 1 | 90 | A | SH |
| N | 468984-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 468996-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | LVOC | AD | TPO | 1 | 90 | A | SH |
| N | 471056-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, LVOC | AD | TPO FB 115, 135 | 0.25 | 90 | A | SH |
| N | 471068-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-12" | UF | 1:2.67 | DDP, DD SX P | 2PUIAC's | 12" OC | ASSBA, LVOC | AD | TPO FB 115, 135 | 0.25 | 90 | A | SH |
| N | 471444-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-4" | UF | 1:4 | DDP, DD SX P | 2PUIAC's | 12" OC | ASSBA, LVOC | AD | TPO FB 115, 135 | 0.25 | 90 | A | SH |
| N | 471456-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-12" | UF | 1:4 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | 2PUIAC's | AD | TPO FB 115, 135 | 0.25 | 90 | A | SH |
| N | 471599-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-12" | UF | 1:4 | PR HD | G2PUIA, 1S, 2PUIA's, 2PUIAC's | 12" OC | SA/ASSBA, LVOC, MBA, TPO WB | AD | TPO/TPO SA | 0.5 | 90 | A | SH |

| Application Type | Assembly # | Deck Grade (KS) and Span length: "w" indicates "wide rib" | Thermal Barrier | Thermal Barrier Securement | Securement Rate | Vapor Barrier | Insulation | Insulation Thickness | Insulation Securement | Insulation Securement Rate (Fastener #/ft ²) | Cover Board | Cover Board Securement | Cover Board Securement Rate (Fastener #/ft ²) | Membrane Securement | Membrane Securement Rate (FA or Ribbons:X" OC) | Membrane | Slope (X":1 ft) | Wind Uplift (PSF) | External Fire (Class) | Hail Rating |
|------------------|------------|---|--|----------------------------|-----------------|------------------------------|------------|----------------------|-----------------------|--|--------------------------------|--|---|-----------------------------|--|-----------------|-----------------|-------------------|-----------------------|-------------|
| N | 471601-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-12" | UF | 1:4 | PR HD | G2PUIA, 1S, 2PUIA's, 2PUIAC's | 12" OC | SA/ASSBA, LVOC, MBA, TPO WB | AD | TPO/TPO SA | 0.5 | 90 | A | SH |
| N | 510023-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 2"-4" | UF | 1:4 | SR GF | HA, G2PUIA, 2PUIA's, 2PUI-AC's, 1S, RUSA | AD or 12" OC | ASSBA | AD | TPO FB 115, 135 | 2 | 90 | A | SH |
| N | 510029-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:4 | DX FG | G2PUIA, 2PUIA's, 2PUIAC's, RUSA | 12" OC | ASSBA | AD | TPO FB 115, 135 | 2 | 90 | A | SH |
| N | 545122-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:2 | DD | G2PUIA, 2PUIA's, 2PUIAC's | 12" OC | SA | AD | TPO SA | 2 | 90 | A | SH |
| N | 545123-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-4" | UF | 1:2 | DD | G2PUIA, 2PUIA's, 2PUIAC's | 12" OC | SA | AD | TPO SA | 2 | 90 | A | SH |
| N | 545128-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:2 | DDP, DD SX P, DX FG, DX FA VSH | G2PUIA, 2PUIA's, 2PUIAC's, RUSA | 12" OC | HA | AD | TPO FB 150, 175 | 0.75 | 90 | A | SH |
| N | 545133-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:2 | PR HD | G2PUIA, 2PUIA's, 2PUIAC's | 12" OC | TPO WB | AD | TPO FB 115, 135 | 0.75 | 90 | A | SH |

| Application Type | Assembly # | Deck Grade (KS) and Span length: "w" indicates "wide rib" | Thermal Barrier | Thermal Barrier Securement | Securement Rate | Vapor Barrier | Insulation | Insulation Thickness | Insulation Securement | Insulation Securement Rate (Fastener #/ft ²) | Cover Board | Cover Board Securement | Cover Board Securement Rate (Fastener #/ft ²) | Membrane Securement | Membrane Securement Rate (FA or Ribbons:X" OC) | Membrane | Slope (X":1 ft) | Wind Uplift (PSF) | External Fire (Class) | Hail Rating |
|------------------|------------|---|--|----------------------------|-----------------|------------------------------|------------|----------------------|-----------------------|--|------------------------|-----------------------------|---|---------------------|--|-----------------|-----------------|-------------------|-----------------------|-------------|
| N | 545137-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:2 | DD | G2PUIA, 2PUIA's, 2PUIAC's | 12" OC | LVOC | AD | TPO | 1 | 90 | A | SH |
| N | 545142-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:2 | DX C, DX FG, DX FA VSH | 2PUIA's, 2PUIAC's | 12" OC | SA | AD | TPO SA | 2 | 90 | A | SH |
| N | 545143-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-4" | UF | 1:2 | DX C, DX FG, DX FA VSH | 2PUIA's, 2PUIAC's | 12" OC | SA | AD | TPO SA | 2 | 90 | A | SH |
| N | 545146-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:2 | DX C, DX FG, DX FA VSH | 2PUIA's | 12" OC | MBA | AD | TPO | 0.25 | 90 | A | SH |
| N | 545147-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:2 | DX C, DX FG, DX FA VSH | 2PUIA's | 12" OC | LVOC | AD | TPO | 0.5 | 90 | A | SH |
| N | 545360-0-0 | 33 (22-16 ga./72") | (DD, DDP, DD SX P, DB, DS CF, FB, FB T, DX C, DX FG, DX G, SR C, SR GF, SR UCGM, SR UGM) | - | - | - | E3 | 1.5"-12" | UF | 1:2 | DX FG, DX FA VSH | 2PUIA's, 2PUIAC's | 12" OC | HA | AD | TPO FB 150, 175 | 0.75 | 90 | A | SH |
| N | 545604-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-4" | UF | 1:4 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, TPO WB | AD | TPO | 1 | 90 | A | SH |

| Application Type | Assembly # | Deck Grade (KS) and Span length: "w" indicates "wide rib" | Thermal Barrier | Thermal Barrier Securement | Securement Rate | Vapor Barrier | Insulation | Insulation Thickness | Insulation Securement | Insulation Securement Rate (Fastener #/ft ²) | Cover Board | Cover Board Securement | Cover Board Securement Rate (Fastener #/ft ²) | Membrane Securement | Membrane Securement Rate (FA or Ribbons:X" OC) | Membrane | Slope (X":1 ft) | Wind Uplift (PSF) | External Fire (Class) | Hail Rating |
|------------------|------------|---|-----------------|----------------------------|-----------------|------------------------------|------------|----------------------|-----------------------|--|--------------|-----------------------------|---|---------------------|--|----------|-----------------|-------------------|-----------------------|-------------|
| N | 545605-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-4" | UF | 1:4 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 545607-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-12" | UF | 1:4 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, LVOC | AD | TPO | 1 | 90 | A | SH |
| N | 545608-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, TPO WB | AD | TPO | 1 | 90 | A | SH |
| N | 545609-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 545611-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, TPO WB | AD | TPO | 1 | 90 | A | SH |
| N | 545612-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-12" | UF | 1:4 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, TPO WB | AD | TPO | 1 | 90 | A | SH |
| N | 545613-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-12" | UF | 1:4 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 545615-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 2"-12" | UF | 1:4 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, LVOC | AD | TPO | 1 | 90 | A | SH |

| Application Type | Assembly # | Deck Grade (KS) and Span length: "w" indicates "wide rib" | Thermal Barrier | Thermal Barrier Securement | Securement Rate | Vapor Barrier | Insulation | Insulation Thickness | Insulation Securement | Insulation Securement Rate (Fastener #/ft ²) | Cover Board | Cover Board Securement | Cover Board Securement Rate (Fastener #/ft ²) | Membrane Securement | Membrane Securement Rate (FA or Ribbons:X" OC) | Membrane | Slope (X":1 ft) | Wind Uplift (PSF) | External Fire (Class) | Hail Rating |
|------------------|------------|---|-----------------|----------------------------|-----------------|--|------------|----------------------|-----------------------|--|--------------|-----------------------------|---|--------------------------|--|-----------------|-----------------|-------------------|-----------------------|-------------|
| N | 545616-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-12" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, TPO WB | AD | TPO | 1 | 90 | A | SH |
| N | 545617-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-12" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 545619-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-12" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, LVOC | AD | TPO | 1 | 90 | A | SH |
| N | 546379-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | ASSBA, LVOC, MBA, TPO WB | AD | TPO | 1 | 90 | A | SH |
| N | 546380-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | MBA | AD | TPO | 1.5 | 90 | A | SH |
| N | 546382-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | LVOC | AD | TPO | 1 | 90 | A | SH |
| N | 547162-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH, GP IV (1or2), GPP (1or2)) | E3 | 1.5"-4" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | 2PUIAC's | AD | TPO FB 115, 135 | 0.25 | 90 | A | SH |
| N | 547164-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH, GP IV (1or2), GPP (1or2)) | E3 | 1.5"-12" | UF | 1:2.67 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | 2PUIAC's | AD | TPO FB 115, 135 | 0.25 | 90 | A | SH |

| Application Type | Assembly # | Deck Grade (KS) and Span length: "w" indicates "wide rib" | Thermal Barrier | Thermal Barrier Securement | Securement Rate | Vapor Barrier | Insulation | Insulation Thickness | Insulation Securement | Insulation Securement Rate (Fastener #/ft ²) | Cover Board | Cover Board Securement | Cover Board Securement Rate (Fastener #/ft ²) | Membrane Securement | Membrane Securement Rate (FA or Ribbons:X" OC) | Membrane | Slope (X":1 ft) | Wind Uplift (PSF) | External Fire (Class) | Hail Rating |
|------------------|------------|---|-----------------|----------------------------|-----------------|--|------------|----------------------|-----------------------|--|--------------|-------------------------------|---|----------------------------|--|-----------------|-----------------|-------------------|-----------------------|-------------|
| N | 547173-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH, GP IV (1or2), GPP (1or2)) | E3 | 2"-4" | UF | 1:4 | DDP, DD SX P | 1S, RSUA, 2PUIA's, 2PUIAC's | 12" OC | 2PUIAC's | AD | TPO FB 115, 135 | 0.25 | 90 | A | SH |
| N | 547177-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH, GP IV (1or2), GPP (1or2)) | E3 | 2"-12" | UF | 1:4 | PR HD | G2PUIA, 1S, 2PUIA's, 2PUIAC's | 12" OC | SA/ASSBA, LVOC MBA, TPO WB | SA/AD | TPO/TPO SA | 0.5 | 90 | A | SH |
| N | 547178-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH, GP IV (1or2), GPP (1or2)) | E3 | 2"-12" | UF | 1:4 | PR HD | G2PUIA, 1S, 2PUIA's, 2PUIAC's | 12" OC | SA/ASSBA, LVOC MBA, TPO WB | SA/AD | TPO/TPO SA | 0.5 | 90 | A | SH |
| N | 547593-0-0 | 33 (22-16 ga./72") | - | - | - | (PE, VB SA, VB SAR, DG, DBH) | E3 | 1.5"-12" | UF | 1:2.67 | DDP | RSUA | 12" OC | RSUA | 12" OC | TPO FB 115, 135 | 0.5 | 90 | A | SH |

Application Type

| | |
|----|----------|
| N | New |
| RC | Re-Cover |
| RR | Re-Roof |

Membrane

| | |
|-----------------|-----------------------|
| TPO | JM TPO 45, 60, 72, 80 |
| TPO 45 | JM TPO 45 |
| TPO 60 | JM TPO 60 |
| TPO 72 | JM TPO 72 |
| TPO 80 | JM TPO 80 |
| TPO SA | JM TPO SA - 60 MIL |
| TPO FB 115, 135 | JM TPO FB 115, 135 |
| TPO FB 150 | JM TPO FB 150 |
| TPO FB 170 | JM TPO FB 170 |

Deck Grade

| | |
|-----------------------------|--|
| 33 (18 ga./72") | 18 ga., min 33ksi, 72" Joist |
| 33 (18 ga./72") <i>w</i> | 18 ga., wide rib, min 33ksi, 72" Joist |
| 33 (22-16 ga./72") | 22-16 ga., min 33ksi, 72" Joist |
| 33 (22-18 ga./72") | 22-18 ga., min 33ksi, 72" Joist |
| 33 (22-18 ga./72") <i>w</i> | 22-18 ga., wide rib, min 33ksi, 72" Joist |
| 40 (22-16 ga./72") <i>w</i> | 22-16 ga., min 40 ksi, 72" Joist |
| 80 (22 ga./72") <i>w</i> | min 80 ksi, 22 ga., wide rib 72" Joist |
| 80 (22-18 ga./72") | min 80 ksi, 22-18 ga., 72" Joist |
| 80 (22-18 ga./72") <i>w</i> | min 80 ksi, 22-18 ga., wide rib, 72" Joist |

Insulation/ Cover Board/Thermal Barrier

| | |
|-----------|--|
| DD | Dens Deck |
| DDP | Dens Deck Prime |
| DD SX P | DensDeck StormX Prime Roof Board |
| DB | DuraBoard |
| DX C | DEXcell Cement Roof Board |
| DX FG | DEXcell FA Glass-Mat Roof Board |
| DX FA VSH | DEXcell FA VSH |
| DX GM | DEXcell Glass-Mat Roof Board |
| E3 | ENRGY3® |
| E3 CFG | ENRGY 3 CGF |
| FB | Fesco Board |
| FB HD | Fesco Board HD |
| FB T | Fesco Board Tapered |
| PR F | ProtectoR® Foam |
| PR HD | ProtectoR® HD |
| RP B | RetroPlus Board |
| SR C | SECUROCK® Cement Roof Board |
| SR GM | SECUROCK® Glass-Mat Roof Board |
| SR GF | SECUROCK® Gypsum-Fiber Roof Board |
| SR UCGM | SECUROCK® Ultralight Coated Glass-Mat Roof Board |
| SR UGM | SECUROCK® Ultralight Glass-Mat Roof Board |
| SPR | Separator |
| SPR CGF | Separator CGF |

Fastener and Plate

| | |
|-----------|--|
| HL | High Load Fastener |
| HL F | High Load Fastener |
| HL P | High Load Plus |
| HL SP | High Load Seam Plate |
| XHL | Extra High Load |
| IV | Induction Weld Plate |
| APF | All Purpose Fastener |
| UF #12 PH | UltraFast Fasteners #12 Phillips Head |
| TF #12 DP | Trufast #12 DP |
| UF IPM® | UltraFast Insulation Plates Metal (Recessed) |
| UF SRMP | UltraFast Square Recessed Metal Plate |

Securement

| | |
|----------|---|
| AD | Adhered |
| RA | Ribbon Applied |
| SA | Self-Secured |
| Splat | Splatter Application |
| Stag | Staggered |
| 1168 | JM TPO 1168 Membrane Adhesive |
| ASSBA | JM All Season Sprayable Bonding Adhesive |
| G2PUIA | JM Green Two Part Urethane Insulation Adhesive |
| MBA | JM Membrane Bonding Adhesive (TPO & EPDM) |
| 1S | JM One-Step Foamable Adhesive |
| RSUA | JM Roofing System Urethane Adhesive |
| TPO WB | JM TPO Water Based Membrane Adhesive |
| TP UIA | JM Two Part Urethane Insulation Adhesive |
| TP UIAC | JM Two Part Urethane Insulation Adhesive Canister |
| T-P UIA | JM Two-Part UIA |
| T-P UIAC | JM Two-Part UIA Canister |
| 2PUIA's | JM Two Part Urethane Insulation Adhesive JM Two-Part UIA |
| 2PUIAC's | JM Two Part Urethane Insulation Adhesive Canister JM Two-Part UIA Canister |

Vapor Barrier

| | |
|--------------|----------------------------|
| AB | JM APP Base |
| ABP | JM APP Base Plus |
| APX | APPeX 4S |
| APX E | APPeX 4S Embossed |
| DB | DynaBase |
| DG | DynaGrip® Base SD/SA |
| DBH | DynaBase® HW |
| DWB | DynaWeld™ Base |
| GP | GlasPly® IV |
| GP IV (1or2) | GlasPly IV 1 or 2 ply |
| GP IV 2 | GlasPly IV 2 ply |
| GPP | GlasPly® Premier |
| GP | Glasply Premier |
| GPP (1or2) | GlasPly Premier 1 or 2 ply |
| GP 2 | GlasPly Premier 2 ply |
| PE | Polyethylene (4 or 6 mil) |
| VB SA | JM Vapor Barrier SA |
| VB SAR | JM Vapor Barrier SAR |

NOTE: If the product code is in (parentheses) the Thermal Barrier and/or Vapor Barrier Layer is Optional