

## Product Reference & Application Directory

| PANEL DESCRIPTION |  |   |   | PRODUCT PERFORMANCE TEST GUIDE            |   |  |  |                                       |
|-------------------|--|---|---|---|---|--|--|---------------------------------------|
| Product           | Application  | Min Slope                               | Wind Uplift                               | Air                                       | Water   | Fire   | Hail   | Energy Star LEED, CRRC                |
| AIM LOK 16 & 18 " | Structural, Architectural, Watertight, Roof, Wall, Aesthetic, Fascia | 1/4 on 12 NON PAINTED 1/2 ON 12 PAINTED | ASTM E 1592, UL 580-CLASS 90, FM 4471-165 | ASTM E 1680 @40 PSF (O) LEAKS, ASTM E 283 | ASTM E 1646 @ 40 PSF (0) Leaks, ASTM E 331, ASTM E 2140 STATIC HEAD | ASTM E 108, ASTM E 84, UL CLASS A, UL 1256, FM CLASS 1-A | FM 1-SH, UL IMPACT 4 RESISTANCE, TGAM.R22048 | YES<br>KYNAR 70% PVDF MEETS SRI OF 29 |
| SNAP SEAM         | Structural, Architectural, Watertight, Roof, Wall, Aesthetic, Fascia | 3:12                                    | ASTM E 1592, UL 580-CLASS 90              | ASTM E 1680, ASTM E 283                   | ASTM E 1646, ASTM E 331   | ASTM E 108, ASTM E 84, NC                                | UL IMPACT 4, TGAM .22048                     | YES<br>KYNAR 70% PVDF MEETS SRI OF 29 |
| ROLL-LOK 24"      | Structural, Watertight, Roof   | 1/4 : 12 NON PAINTED 1/2 ON 12 PAINTED  | ASTM E 1592, UL 580 CLASS 90 FM 4471 105  | ASTM 1680, ASTM E 283                     | ASTM E 1646, ASTM E 331, ASTM E 2140 Static Head                    | ASTM E 108, ASTM E 84 NC                                 | UL IMPACT 4, TGAM.R22048, FM 1-SH            | YES<br>KYNAR 70% PVDF MEETS SRI OF 29 |
| NAIL-LINE         | Architectural, Watershed, Roof                                       | 3:12                                    | UL 580, UL 90                             | NA  | NA  | ASTM E 108 NC ASTM E 84 CLASS A NC                       | UL IMPACT 4 TGAM.R22048                      | YES<br>KYNAR 70% PVDF MEETS SRI OF 29 |
| SNAP-LOK          | Architectural, Watershed, Roof, Wall                                 | 3:12                                    | UL 580, CLASS 90                          | NA  | NA  | ASTM E 108, ASTM E 84 NC                                 | UL IMPACT 4 TGAM.R22048                      | YES<br>KYNAR 70% PVDF MEETS SRI OF 29 |
| ARCH RIB          | Architectural, Structural, Wall, Fascia, Interior Wall               | 1/2 on 12                               | UL 90, UL 580                             | ASTM E 283                                | ASTM E 331  | ASTM E 84  | UL IMPACT 4 TGAM.R22048                      | YES<br>KYNAR 70% PVDF MEETS SRI OF 29 |
| FLUSH WALL        | Architectural, Aesthetic, Wall, Vertical, Horizontal, Interior Wall  | Vertical or Horizontal                  | NA  | ASTM E 283                                | ASTM E 331  | ASTM E 84  | UL IMPACT 4 TGAM.R22048                      | YES<br>KYNAR 70% PVDF MEETS SRI OF 29 |
| PBR SPAN          | Structural, Roof, Wall   | 1/2 on 12                               | UL 90, UL 580                             | ASTM E 283                                | ASTM E 331  | ASTM E 84  | UL IMPACT 4 TGAM.R22048                      | YES<br>KYNAR 70% PVDF                 |
| R-SPAN            | Structural, Roof, Wall   | 1/2 on 12                               | UL 90, UL 580                             | ASTM E 283                                | ASTM E 331  | ASTM E 84  | UL IMPACT 4 TGAM.R22048                      | YES<br>KYNAR 70% PVDF                 |
| AG-RIB            | Structural, Roof, Wall   | 1/2 on 12                               | UL 90, UL 580                             | ASTM E 283                                | ASTM E 331  | ASTM E 84  | UL IMPACT 4 TGAM.R22048                      | NO                                    |
| SOFFIT            | Architectural, Aesthetic, Soffit                                     | NA                                      | UL 90, UL 580                             | NA  | NA  | ASTM E 84  | UL IMPACT 4 TGAM.R22048                      | YES<br>KYNAR 70% PVDF                 |

Note: All materials listed are stated in 24 GA., but can be 26 GA or 22 GA, depending on the Wind Load requirement for Uplift or for Factory Mutual Insurance requirements. Ask AIM, Inc

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1. Applications: Watertight, Seamed and warranted weathertight for up to 35 yrs or ND 20 Yrs. Watershed resist water penetration on 3:12 slope.
2. Minimum Slope: Installation of panel cannot be lower than the published minimum slope for either Watertight or Watershed Panels.
3. UL580-UL-90, represents all the assemblies that are tested and approved by UL
4. UL Fire Class A indicates the panel is assembled and tested to various UL construction Numbers of deck systems
5. FM-4471 records assembly test up 1-165, regarding Winduplift requirements having been tested and approved by Factory Mutual
6. FM 1-SH or UL IMPACT 4 RESISTANCE, refers to HAIL Testing having been met by Factory Mutual or UL.
7. ASTM E 108 or ASTM E 84 are test standards required under FIRE.

