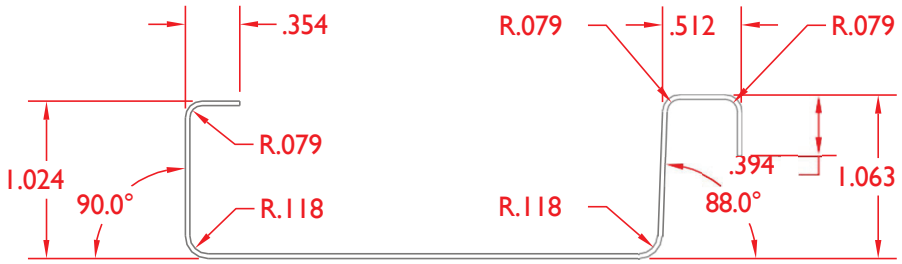
# 1" & 1.5" Mechanical Lock Panel




- Architectural standing seam panel
- 1 inch rib height.
- Gauges 22, 24, 26
- Specially designed clip for thermal movement.




- Architectural or structural standing seam panel
- 1.5 inch rib height.
- Gauges 22, 24, 26
- Specially designed clip for thermal movement.
- Applies over solid subtrate

| FLORIDA PRODUCT APPROVAL | | | | | |
|---|---|---|---|---|---|
| **Designation** | **FPA #** | **Panel Profile** | **Material** | **Panel Width** | **Substrate** |
| HVHZ* | 9193.1 | 1.0" Mech. Lock | Steel, 24ga | 16" Nominal | Plywood |
| HVHZ | 9580.1 | 1.0" Mech. Lock | Alum., .032 | 16" Nominal | Plywood |
| HVHZ | 8629.2 | 1.5" Mech. Lock | Steel, 24ga | 16" Nominal | Plywood |
| Non-HVHZ | 9857.4 | 1.5" Mech. Lock | Alum., .032 | 20" | Plywood |
| Non-HVHZ | 9857.5 | 1.5" Mech. Lock | Copper, 16oz. | 16" | Plywood |
| Non-HVHZ | 9857.6 | 1.5" Mech. Lock | Zinc, .032 | 16" | Plywood |

| Panel | Type | Test Type | Width | Gauge | Fastener Spacing | Decking |
|---|---|---|---|---|---|---|
| 1.5" Mechanical | Air Infiltration | ASTM 283 | 16 | 24 CRS | 36 | 5/8 Plywood |
| 1.5" Mechanical | Water Infiltration | ASTM 331 | 16 | 24 CRS | 36 | 5/8 Plywood |
| 1.5" Mechanical | Wind Uplift Class 90 | UL Construction Number 603 | 20 | .032 Zinc | 36 | 5/8 Plywood |
| 1.5" Mechanical | Wind Uplift Class 90 | UL Construction Number 603 | 16 | .032 Zinc | 36 | 5/8 Plywood |
| 1.5" Mechanical | Wind Uplift Class 90 | UL Construction Number 605 | 16 | 16 oz CU | 36 | 5/8 Plywood |
| 1.5" Mechanical | Wind Uplift | Dade 80 MPH | 16 | 24 CRS | 36 | 1/2 Plywood |
| 1.5" Mechanical | Wind Uplift | Dade 140 MPH | 16 | 24 CRS | 36 | 5/8 Plywood |
| 1.5" Mechanical | Impact | Dade Impact | 16 | 24 CRS | 36 | 5/8 Plywood |
| 1.5" Mechanical | Water | Dade Wind Driven Rain | 16 | 24 CRS | 36 | 5/8 Plywood |
| 1.5" Mechanical | Wind Uplift Class 90 | UL Construction Number 588 | 16 | 24 CRS | 36 | 5/8 Plywood |
| 1.5" Mechanical | Wind Uplift Class 90 | UL Construction Number 588 | 16 | 24 CRS | 36 | 5/8 Plywood |
| 1.5" Mechanical | Hail | UL Class 4 | 16 | 26 CRS | 36 | 5/8 Plywood |
| 1.5" Mechanical | Hail | UL Class 4 | 16 | 24 CRS | 36 | 5/8 Plywood |
| 1.5" Mechanical | Wind Uplift | ASTM 1592 | 18.25 | 22 CRS | 36 | Purlins 16 ga |
| 1.5" Mechanical | Flexural Strength | ASTM 330 | 18.25 | 22 CRS | 36 | Purlins 16 ga |
| 1.5" Mechanical | Wind Uplift | ASTM 1592 | 18.25 | 24 CRS | 36 | Purlins 16 ga |
| 1.5" Mechanical | Flexural Strength | ASTM 330 | 18.25 | 24 CRS | 36 | Purlins 16 g |

**All testing listed above is per the specific assembly shown. Any variance in said assembly will nullify the results and are not valid**