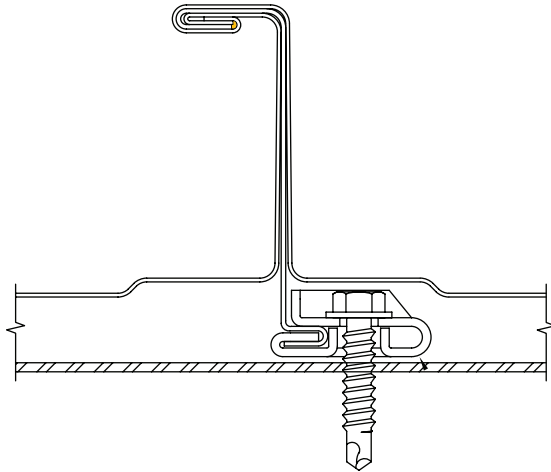
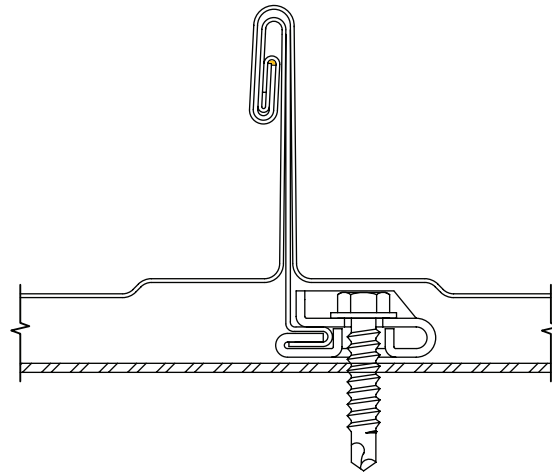


TripleLok+®



QuadLok+®



Factory mutual ratings that have been achieved with the PanelCraft™ roof system.

FM Rating	Seam	Gauge	Purlin Spacing
1-90	TripleLok+	24	5' 0"
1-165	QuadLok+	22	2' 6"

*ASTM E 1592 Uplift Test Results
PanelCraft™ roof with TripleLok® Seam

Purlin Spacing	Panel Width	Panel Gauge	Design Load
2' 0"	16"	24 ga.	136.4 (1)
5' 0"	16"	24 ga.	56.6 (1)
7' 6"	16"	24 ga.	28.8 (2)
2' 6"	18"	24 ga.	82.7 (2)
5' 0"	18"	24 ga.	44.9 (2)
7' 6"	18"	24 ga.	31.5 (2)

*ASTM E 1592 Uplift Test Results
PanelCraft™ roof with QuadLok® Seam

Purlin Spacing	Panel Width	Panel Gauge	Design Load
2' 0"	16"	24 ga.	191.3 (1)
5' 0"	16"	24 ga.	78.8 (1)
7' 6"	16"	24 ga.	45.7 (2)
2' 6"	18"	24 ga.	94.5 (2)
5' 0"	18"	24 ga.	56.7 (2)
7' 6"	18"	24 ga.	37.8 (2)

* (1) Design Load = (Mean Ultimate Load/Safety Factor) (sf=1.7)

* (2) Design Load = (Mean Ultimate Load/Safety Factor) based on U.S. Corps of Engineers Guide Specification CEGSO7416 (sf=1.65)

ASTM E 1680 Air Infiltration all seams 16" wide panels = .005 CFM/sq.ft
ASTM E 1646 Water Leakage all seams 16" wide panels = None at 12 psf

PanelCraft™ roof system and its components are covered by US Patent numbers 5,692,352 - 5,737,894 - 6,301,853 B1 and other patents pending.