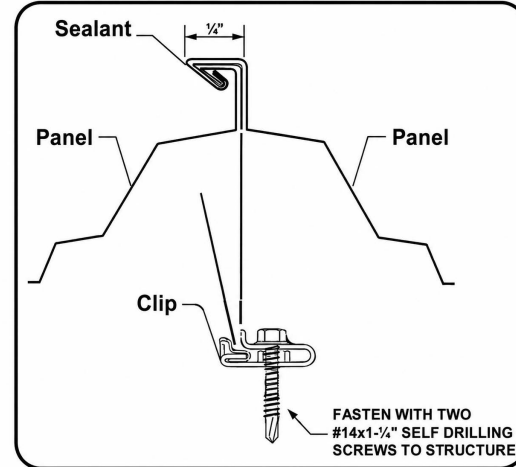
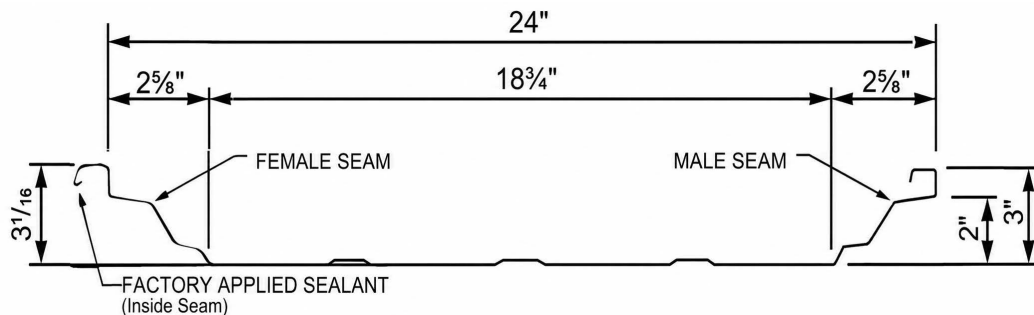


AS-24 PANEL

Alliance Seam 24 Panel

The Alliance Seam 24 (AS-24) trapezoidal rib design provides excellent performance on any roof pitch, especially low slopes. The panel requires mechanical field seaming, providing outstanding weathertight performance. It can be used in ice and snow regions as well as coastal and high-wind areas, where it provides excellent uplift ratings and tested performance. The panel design has been in service for many years, providing excellent results in applications including open framing and composite systems. AS-24 is a complete standing-seam roofing system that offers ease of installation and reliable weathertightness at a reasonable cost. AS-24 is available in ASI's full range of colors and various gauges.



- 24" Wide Panel Coverage
- Mechanically Seamed TripleLok or QuadLok
- Ideal For Low-Slope Applications
- Factory-Applied Sealant In The Female Rib
- Weathertightness Warranties Are Available
- Army Corps Of Engineers ASTM E-1592 Tested
- Texas Department of Insurance Windstorm Tested
- UL 580 Class 90 Wind Uplift Rated
- FM Class 1-90, 1-105, 1-120, 1-165, and 1-180 Rated
- FM Fire And Class 1-SH Hail Resistance Rated
- ASTM E-1680 Air and E-1646 Water Tested

AllianceSeam 24 roof with TripleLok and QuadLok Seam

UL Listing	Panel Width	Panel Gauge	Seam Type	Purlin Gauge	Purlin Spacing
UL-60	24"	24 ga.	All Seam Types	16 ga.	5'0"
UL-90	24"	24 ga.	All Seam Types	16 ga.	5'0"

Texas Department of Insurance Uplift Results QuadLok Seam

Purlin Spacing	Panel Width	Panel Gauge	Report # C-1950-1
2'0"	24"	24 ga.	120.0
5'0"	24"	24 ga.	45.0
Factor of Safety = 2.0			

ASTM E 1592 Uplift Test Results Alliance Seam 24 roof with QuadLok Seam

Purlin Spacing	Panel Width	Panel Gauge	Report # C-1949-2
2'0"	24"	24 ga.	183.3
5'0"	24"	24 ga.	81.1
Factor of Safety = 1.65			

Design Load = (Mean Ultimate Load/sf) x 1.33 when allowed by building code

Factory Mutual 4477 Uplift Test Results AllianceSeam 24 roof with TripleLok or QuadLok Seam

FM Listing	Panel Width	Panel Gauge	Purlin Depth	Purlin Gauge	Purlin Spacing
1-60	24"	24 ga.	8"	16 ga.	5'0"
1-90	24"	24 ga.	8"	16 ga.	4'0"

ASTM E 1592 Uplift Test Results Alliance Seam 24 roof with TripleLok Seam

2'0"	24"	24 ga.	149.7
5'0"	24"	24 ga.	71.2

ASTM E-1680 Air Infiltration @ 1.57 psf = 0.001 CFM/sq.ft

ASTM E-1646 Water Penetration = None @ 20.0 psf

The following recognized certifications and listings have been earned:

Underwriters Laboratories UL-90 Classification Construction No. 556

Factory Mutual Class 1-90, 1-105, 1-120, 1-165, and 1-180 listings.

Corps of Engineers CEGS 07416 Uplift Test.

ASTM E 1592 Uplift Test (three tests for each span and gauge)

ASTM E 1680 Air Infiltration

ASTM E 1646 Water Leakage

FM Const# 15, 17, 18, 78723, 78724, 78726

Factory Mutual Class 1-SH Severe Hail Rating

The AllianceSeam 24 roof system utilizing the TS-324™ panel system technology has been tested and certified by independent testing agencies and laboratories and has achieved the loads and listings shown below.

Underwriters Laboratories Inc. Construction Nos. 556, 556A, and 556B