

S E R I E S 1600

WeatherGuard™ Header Seal

The Series 1600 WeatherGuard™ Header provides unmatched protection to the loading dock area from rain, snow, sleet, hail and wind. WeatherGuard is ideal when the drive approach slopes toward the dock opening causing rain water to funnel into the dock area affecting employee comfort and damaging cargo.

The Series 1600 WeatherGuard will accommodate conventional dock seals, “L” pads, soft-sided shelters and even rigid frame shelters providing a custom fit for your loading dock application requirements. The Fairborn Series 1600 WeatherGuard can also be retrofitted into existing competitor units to improve and enhance your truck sealing effectiveness.

The structurally supported rigid head member is covered with translucent fiberglass to allow natural light into the loading operation. The self supporting capabilities and slope of the head frame provides adequate snow load protection and deflects rain from the loading area.

To ensure maximum durability, the Series 1600 WeatherGuard is constructed of our superior performance Dynaflex and Dynalon materials. Fairborn created the first certified performance fabrics designed solely for the construction of dock seals and shelters. Our exclusive materials meet or exceed the most demanding requirements and have proven to out-perform any fabric in today's dock shelter market.

BARRON
EQUIPMENT COMPANY INC.
OVERHEAD DOORS



WeatherGuard™ Header Seal

S E R I E S 1600



“Fairborn is dedicated to producing the highest quality product in appearance and structural integrity.”

The pride in workmanship of our experienced personnel, combined with the utilization of the finest grade raw materials, assures products of the highest caliber.”

Quality features and components that ensure our customers the best product value...

- 1 Cover Fabric**
Fairborn offers fabrics in a wide range of colors and performance levels. A valued consideration is Dynalon, one of our superior performance materials. Dynalon's extraordinary life expectancy is attributed in part to its excellent tear and abrasion resistance properties.
- 2 Foam**
Fairborn developed a polyurethane foam to properly compress, while conforming to the irregularities of the vehicle body. Superior recovery characteristics ensure the foam returns to its original shape and size.
- 3 Wood Frame**
The Series 1600 provides for side frames constructed of select dimensional lumber of the highest grade, pressure treated and kiln dried before and after treating (a formed steel frame is optional).
- 4 Guide Stripes**
Each side member includes highly visible yellow stripes to facilitate accurate truck positioning. Fairborn developed a superior "urethane finish" to ensure greater stripe durability while maintaining a clean appearance.
- 5 Translucent Fiberglass**
The translucent fiberglass secured to the tubular steel head frame allows natural light to illuminate the loading dock area enhancing the material handling operation.
- 6 Dyna-Armor Pleats**
Independent pleat assemblies are located at each top corner of the unit and provide maximum protection from abuse caused by protruding corners at the top rear portion of the vehicle. These pleat assemblies are designed to be easily replaceable to preserve the integrity of the head and side members.
- 7 Head Frame**
The structural galvanized steel tubular head frame with welded joints provide substantial support for snow loads. The head member is raked from the center to ensure proper drainage to the exterior sides of the unit while eliminating the need for a building canopy to protect the dock enclosure and the loading dock area from inclement weather.
- 8 Torsion Springs**
Helical torsion springs are spaced evenly along the pivoting head member to provide a consistent tension force along the entire width of the WeatherGuard.
- 9 Pivoting Head Member**
The WeatherGuard pivoting head member is spring bias to ensure the foam head pad conforms to the top of the vehicle creating a watertight seal.
- 10 Trim Angle**
Polished aluminum trim angle perfects the exterior corner appearance.

Interaction Of The Vehicle With The Series 1600 WeatherGuard™ Header Seal...



Vehicle approaches WeatherGuard Header Seal while being positioned at the dock door opening.



The exclusive pivoting head member of the WeatherGuard unit automatically adjusts to the height of the vehicle when positioned at the dock.



When vehicle is in position at the dock, the helical torsion springs of the pivoting head member provides consistent tension force over the width of the unit while ensuring the foam head member conforms to the top of the trailer creating a water-tight wiper seal.



The WeatherGuard™ Difference...

In consideration of the tight seal provided by the Series 1600 WeatherGuard™, rain water is unable to penetrate the area between the Header Seal and the top of the vehicle. The water has no where to go except away from the dock door opening. This ensures a safe and dry loading dock area during material handling operations.

The exclusive WeatherGuard effectively seals trailer heights from 13'0" to 13'6" which make up the majority of the over the road vehicles.



Other dock seals and shelters allow rain to penetrate the loading dock area resulting in wet and damaged cargo.

The Fairborn Series 1600 WeatherGuard™ Header Seal addresses this common concern, eliminating water penetration to ensure dry cargo and a safe loading dock area.

