

SERIES 1400

FOAM DOCK SEAL
With Head Curtain



The Series 1400 Dock Seal saves energy dollars while providing airtight protection to the loading dock area during material handling operations. The Series 1400 effectively services varying height vehicles at a wide range of door heights.

The vehicle positioned at the dock compresses the resilient foam side pads, while the full width head curtain conforms to the truck, eliminating the gap between the facility and the vehicle body. This separation of interior and exterior environments allows for a safe loading dock area, while ensuring employee comfort and efficiency.

The structurally supported head curtain is sloped to ensure adequate drainage while being held out by tension straps at each end.

The airtight barrier that Fairborn dock seals provide regulates the facility's atmosphere to be free from airborne contaminants, insects, and foul weather while enhancing building security.

To ensure maximum durability, the Series 1400 is available in our superior performance materials. Fairborn created the first certified performance fabric 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.



Fairborn

FAIRBORN USA, INC.

FOAM DOCK SEAL

SERIES
1400

"Fairbairn 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:**
Fairbairn offers fabrics in a wide range of colors and performance levels. A valued innovation 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:**
Fairbairn developed a polyurethane foam to properly conform, when curing, to the irregularities of the vehicle body. Superior recovery characteristics ensure the foam's return to its original shape and size.
- 3 Wood Frame:**
The Series 1400 frame is select dimensional lumber of the highest grade, pressure treated and kiln dried before and after drying. (A formed steel frame is optional.)
- 4 Chevron Strip:**
The foam is chemically bonded to the entire contact area of the frame to ensure maximum structural integrity.
- 5 Air Exhaust:**
Each pad is equipped with properly sized outlets to allow for free air escape during compression while prohibiting moisture infiltration.
- 6 Guide Strip:**
Each side pad includes highly visible yellow stripes to facilitate accurate track positioning. Fairbairn developed a superior "Lifetime Finish" to ensure greater stripe durability while maintaining a clean appearance.
- 7 Tension Strap:**
The head button is held taut by elastic straps at each end to ensure it will conform to the top of the vehicle body.
- 8 Support Stays:**
Softstep™ stays, supported at each end, maintain a proper head curtain slope to provide for adequate drainage, while guaranteeing the curtain a neat appearance.
- 9 Cross Member:**
The head curtain is supported by a structural operating field plate by a continuous beam sleeve incorporated into the top, front edge of the curtain.
- 10 Throat:**
All stitching is performed by professional seamstresses utilizing bonded, high tensile, multi-core polyester thread. The sewn construction provides for lockstitch, proper tension, and backstitch sewing techniques throughout.



Head Curtain Options ...

- ① **Dyna-Armor Flaps** - Located at each end of the head curtain provide maximum protection from abuse caused by protruding corners at the top rear of the vehicle.
- ② **Splice with Full Topper** - enables the head curtain to be adjusted to effectively service varying height vehicles at the same opening. Holes and top fasteners form the vertical splice together at each position of adjustment.
- ③ A **Weighted Member** sewn into the edge of the head curtain enhances the curtain's ability to conform to the vehicle body.
- ④ A **Form Flare** incorporated into the head curtain's construction allows the unit to resist the vehicle's irregularities.
- ⑤ **Face Reinforcements** - sewn in place at each end of the head curtain, further reinforce the critical stress area.

Optional Side Pad Fabric Construction ...



Reinforced Face

This option further reinforces the entire contact surface of the side pad for greater durability.



Reinforced Inside

Reinforcing the interior of the side pad that is exposed to the door opening, reduces the potential for damage caused by contact from a wide load.



Dyna-Armor Flaps

A pleat construction the full length of the side pad provides for maximum protection. This option is available in 4", 8" or 16" exposures.

A few of the many Series 1400 design options to tailor suit your requirements ...

The Curtain Length Availability allows for the accommodation of the widest range of vehicle and door height variations.



Beveled Side Pads allow standard vehicle widths to be serviced at wider openings. The bevel profile provides for a "super" corner, allowing for greater accessibility to the rear of the vehicle while reducing pressure onto the facility wall.



Tapered Strips provide a uniform seal when accommodating an inclined or declined drive approach. This option enhances the potential of re-arrangement.

