

Dock Seals

All dock seal models are designed to seal the full range of common over the road trailers in heights of 12'6" - 13'6" and widths of 8' - 8'6".

Custom seal designs and materials are available for unique building applications and freight needs.

Standard Features

All Models

- ✓ Seal Projection 4" greater than dock bumper face for optimal compression
- ✓ 40oz High Tear Vinyl
- ✓ Full height yellow guide stripes set to 8' centers
- ✓ 2 Sheltered compression pockets on each pad
- ✓ Drainage holes in base of pad to drain condensation
- ✓ Galvanized mounting hardware and lag bolts for mounting angles to seals
- ✓ Pressure treated wood backer, painted black

Optional Features

- 9" back 15" face wedge for (8'6" wide doors)
- 12" back to 15" face wedge
- Drop curtain with velcro slits
- Curtain header with velcro slits
- Fire retardant foam
- 11" Vinyl covered extensions
- 9" vinyl covered extensions
- 7" vinyl covered extensions
- Steel backer



Wear Shield Options

HT-L-40 Light	18" DUOPREEN FLAP W/2" OVERLAP OVER 40oz. VINYL BASE FABRIC
HT-M-40 Medium	18" DUOPREEN FLAP W/10" OVERLAP OVER 40oz. VINYL BASE FABRIC
HT-H-40 Heavy	9" DUOPREEN FLAP W/5" OVERLAP OVER 40oz. VINYL BASE FABRIC
HT-L-HT Light	18" DUOPREEN FLAP W/2" OVERLAP OVER DUOPREEN BASE FABRIC
HT-M-HT Medium	18" DUOPREEN FLAP W/10" OVERLAP OVER DUOPREEN BASE FABRIC
HT-H-HT Heavy	9" DUOPREEN FLAP W/5" OVERLAP OVER DUOPREEN BASE FABRIC

Vinyl Cover Material

Type	22oz Vinyl	40oz Vinyl	Heavy Duty Vinyl
Fabric Base	Woven (16x16)	Woven (31x31)	Woven (30x30)
Coating Type	Poly Vinyl Chloride	Poly Vinyl Chloride	Poly Vinyl Chloride
Coating Distribution	60% Front/40% Back	76% Front/24% Back	Not Specified
Tongue Tear	123 lbs. 65lbs.	126 lbs. 149 lbs.	200 lbs. 195 lbs.
Fire Rating	Not Rated	Not Rated	Self Extinguishing
Low Temp. Rating	-40 F	-40 F	-40 F
Resistance	Mildew & UV Resistant	Mildew & UV Resistant	Anti-Mildew & UV Resistant

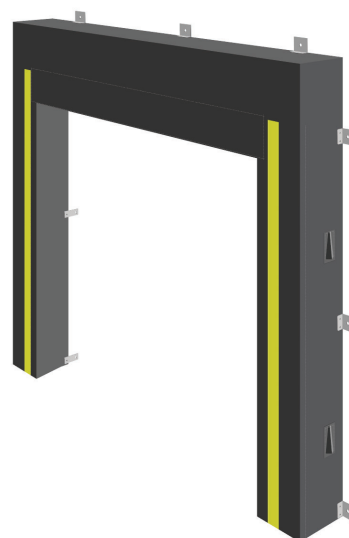
8x8 Dock Seal

Model	40CS
Door Size	8' wide x 8' high
Outside Dimensions	10' wide x 10' high (Including angles)
Inside Dimension	Closes opening to 7'6" x 8'
Vertical Pad Dimension	12" wide face x 9" wide back x 8' tall
Header Style	Foam Header Pad
Header Dimension	18" tall x 9'6" wide
Hardware	(9) 90 deg. Angle Brackets for outside of seal (9) Flat Brackets for inside of door jamb (36) Lag bolts



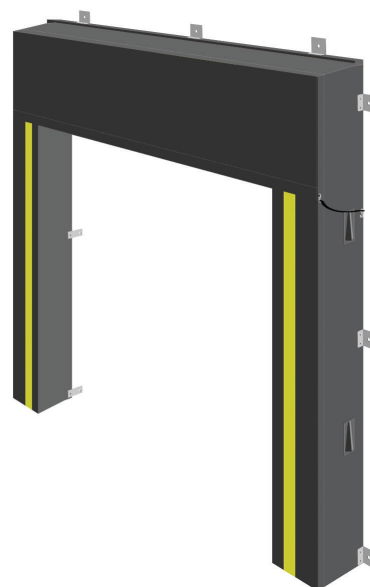
8x9 Dock Seal

Model	40CSC
Door Size	8' wide x 9' high
Outside Dimensions	10' wide x 10'3" high (Including angles)
Inside Dimension	Closes opening to 7'6" x 8'2"
Vertical Pad Dimension	12" wide face x 9" wide back x 9' tall
Header Style	Foam Header Pad with 10" drop curtain
Header Dimension	12" tall x 9'6" wide
Hardware	(9) 90 deg. Angle Brackets for outside of seal (9) Flat Brackets for inside of door jamb (36) Lag bolts



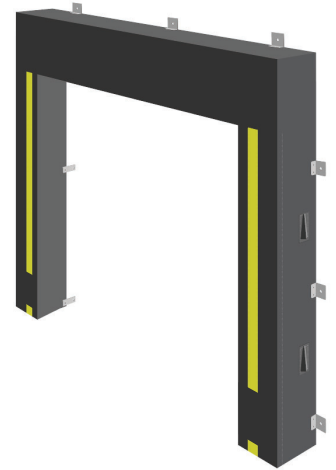
8x10 Dock Seal

Model	40CSMC
Door Size	8' wide x 10' high
Outside Dimensions	10' wide x 10'6.5" high (Including angles)
Inside Dimension	Closes opening to 7'6" x 8'6"
Vertical Pad Dimension	12" wide face x 9" wide back x 10' tall
Header Style	Curtain Header
Header Dimension	18" Drop/Hang x 9'6" wide
Hardware	(9) 90 deg. Angle Brackets for outside of seal (9) Flat Brackets for inside of door jamb (36) Lag bolts



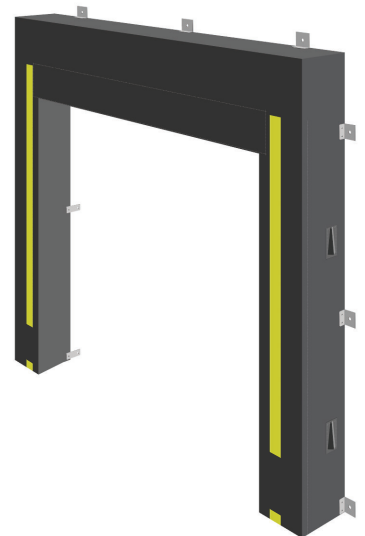
9x8 Dock Seal

Model	ZN
Door Size	9' wide x 8' high
Outside Dimensions	10'9" wide x 10' high (Including angles)
Inside Dimension	Closes opening to 7'7" x 8'
Vertical Pad Dimension	16" wide face x 7.5" wide back x 8' tall
Header Style	Foam Header Pad
Header Dimension	18" tall x 10'2" wide
Hardware	(9) 90 deg. Angle Brackets for outside of seal (9) Flat Brackets for inside of door jamb (36) Lag bolts



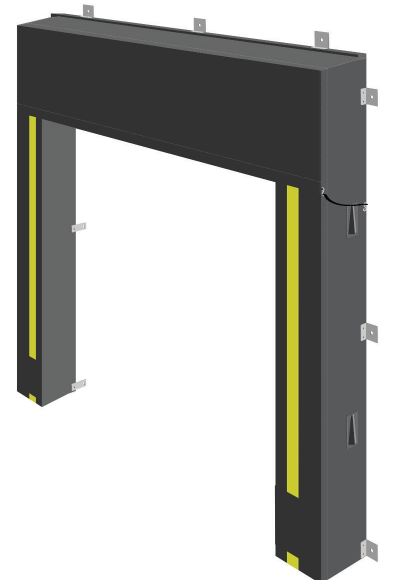
9x9 Dock Seal

Model	ZNC
Door Size	9' wide x 9' high
Outside Dimensions	10'9" wide x 10'3" high (Including angles)
Inside Dimension	Closes opening to 7'7" x 8'2"
Vertical Pad Dimension	16" wide face x 7.5" wide back x 9' tall
Header Style	Foam Header Pad with 10" drop curtain
Header Dimension	12" tall x 10'2" wide
Hardware	(9) 90 deg. Angle Brackets for outside of seal (9) Flat Brackets for inside of door jamb (36) Lag bolts



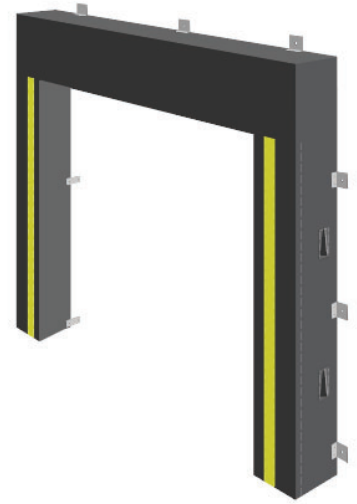
9x10 Dock Seal

Model	ZNMC
Door Size	9' wide x 10' high
Outside Dimensions	10'9" wide x 10'6.5" high (Including angles)
Inside Dimension	Closes opening to 7'7" x 8'6"
Vertical Pad Dimension	16" wide face x 7.5" wide back x 10' tall
Header Style	Curtain Header
Header Dimension	18" Drop/Hang x 10'2" wide
Hardware	(9) 90 deg. Angle Brackets for outside of seal (9) Flat Brackets for inside of door jamb (36) Lag bolts



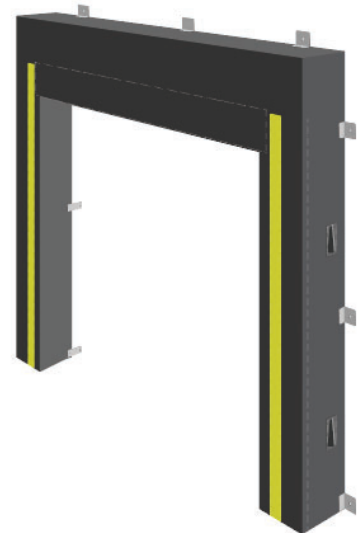
10x8 Dock Seal

Model	ZT
Door Size	10' wide x 8' high
Outside Dimensions	11'9" wide x 10' high (Including angles)
Inside Dimension	Closes opening to 7'7" x 8'
Vertical Pad Dimension	22" wide face x 7.5" wide back x 8' tall
Header Style	Foam Header Pad
Header Dimension	18" tall x 11'2" wide
Hardware	(9) 90 deg. Angle Brackets for outside of seal (9) Flat Brackets for inside of door jamb (36) Lag bolts



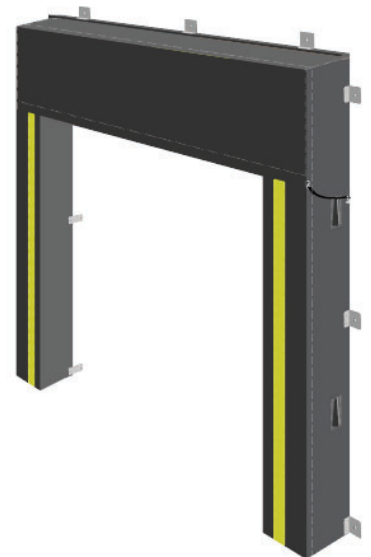
10x9 Dock Seal

Model	ZTC
Door Size	10' wide x 9' high
Outside Dimensions	11'9" wide x 10'3" high (Including angles)
Inside Dimension	Closes opening to 7'7" x 8'2"
Vertical Pad Dimension	22" wide face x 7.5" wide back x 9' tall
Header Style	Foam Header Pad with 10" drop curtain
Header Dimension	12" tall x 11'2" wide
Hardware	(9) 90 deg. Angle Brackets for outside of seal (9) Flat Brackets for inside of door jamb (36) Lag bolts



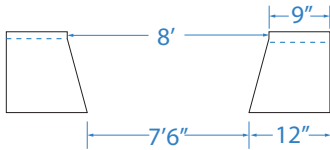
10x10 Dock Seal

Model	ZTMC
Door Size	10' wide x 10' high
Outside Dimensions	11'9" wide x 10'6.5" high (Including angles)
Inside Dimension	Closes opening to 7'7" x 8'6"
Vertical Pad Dimension	22" wide face x 7.5" wide back x 10' tall
Header Style	Curtain Header
Header Dimension	18" Drop/Hang x 11'2" wide
Hardware	(9) 90 deg. Angle Brackets for outside of seal (9) Flat Brackets for inside of door jamb (36) Lag bolts



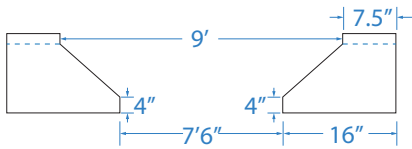
8' Wide Door Vertical Seal Wedge

C Series



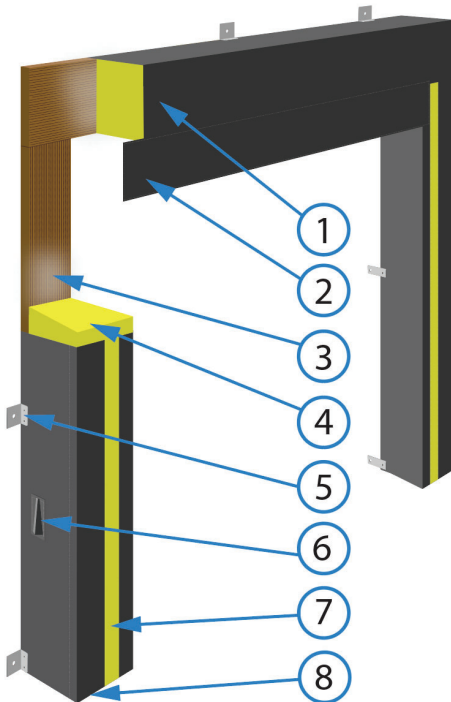
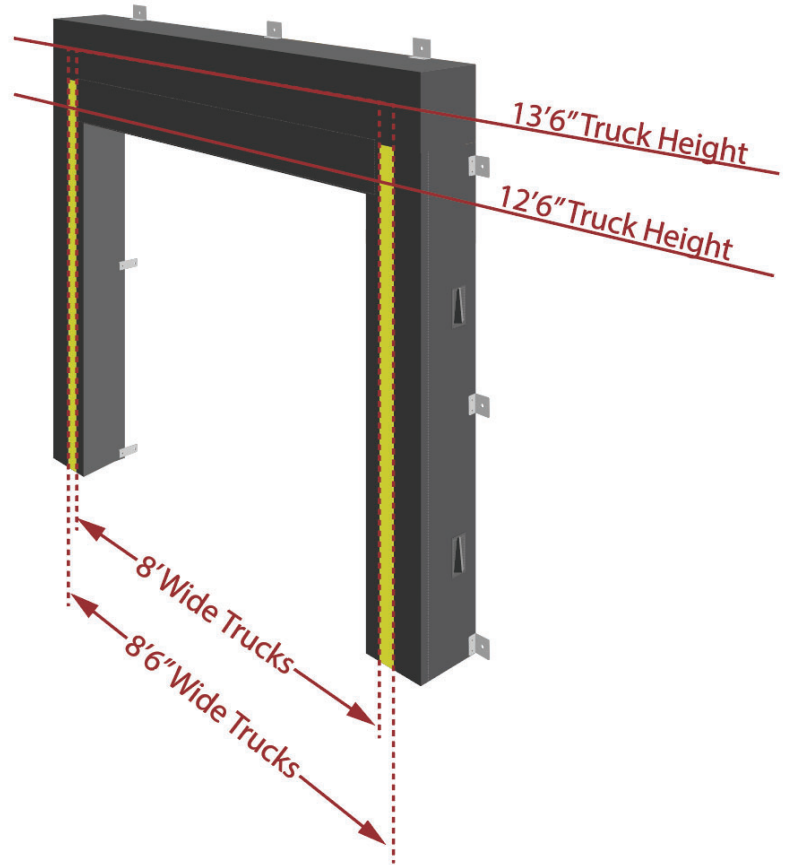
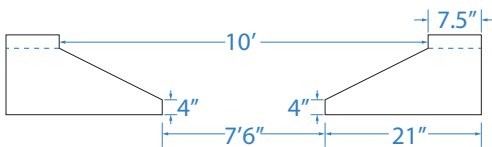
9' Wide Door Vertical Seal Wedge

ZN



10' Wide Door Vertical Seal Wedge

ZT

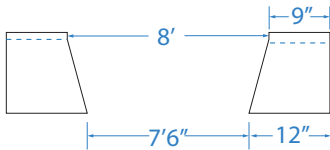


Construction

- (1) Standard 12" High header pad, seals trucks from 13' to 13'6".
- (2) Fully hemmed Drop Curtain seals common truck range from 12' to 13'6" high when sewn to base of 12" header pad.
- (3) Pressure treated wood backer. Backside painted black, inside applied with resilient industrial adhesive to chemically bond high density foam.
- (4) High Density foam for superior performance and lifetime use.
- (5) Total of (9) 90° angle and flat brackets for outside and inside edges of pads.
- (6) Two vent pockets on the outside of each vertical pad and underside of header pad. Drainage holes punched into the base of each vertical release air and moisture accumulation.
- (7) Yellow guide stripe offset three inches from inside edge, ensure trucks dock accurately
- (8) Tapered bottom edge reduces pinching between docked trucks and bumpers.

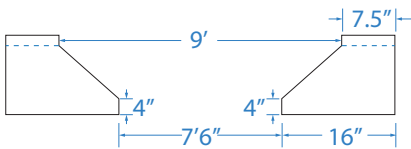
8' Wide Door Vertical Seal Wedge

C Series



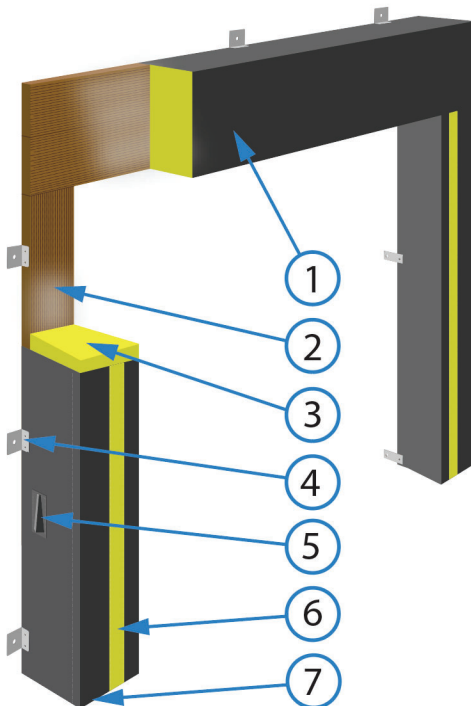
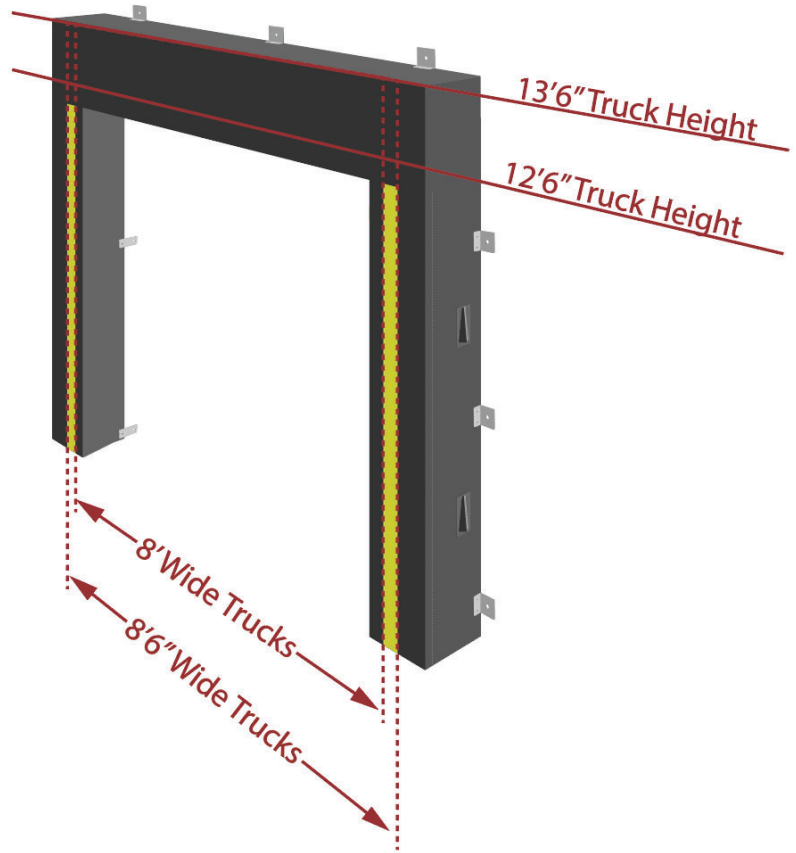
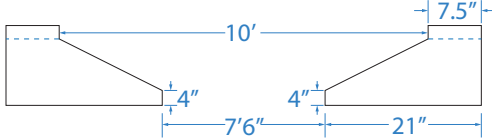
9' Wide Door Vertical Seal Wedge

ZN



10' Wide Door Vertical Seal Wedge

ZT

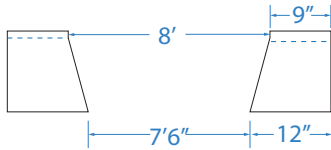


Construction

- (1) 18" High header pad, seals trucks from 12' to 13'6".
- (2) Pressure treated wood backer. Backside painted black, inside applied with resilient industrial adhesive to chemically bond high density foam.
- (3) High Density foam for superior performance and lifetime use.
- (4) Total of (9) 90° angle and flat brackets for outside and inside edges of pads.
- (5) Two vent pockets on the outside of each vertical pad and underside of header pad. Drainage holes punched into the base of each vertical release air and moisture accumulation.
- (6) Yellow guide stripe offset three inches from inside edge, ensure trucks dock accurately
- (7) Tapered bottom edge reduces pinching between docked trucks and bumpers.

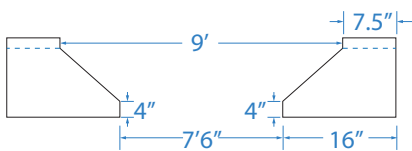
8' Wide Door Vertical Seal Wedge

C Series



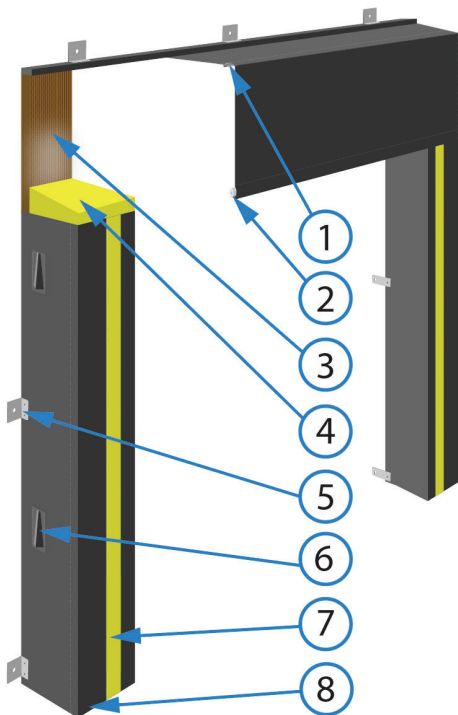
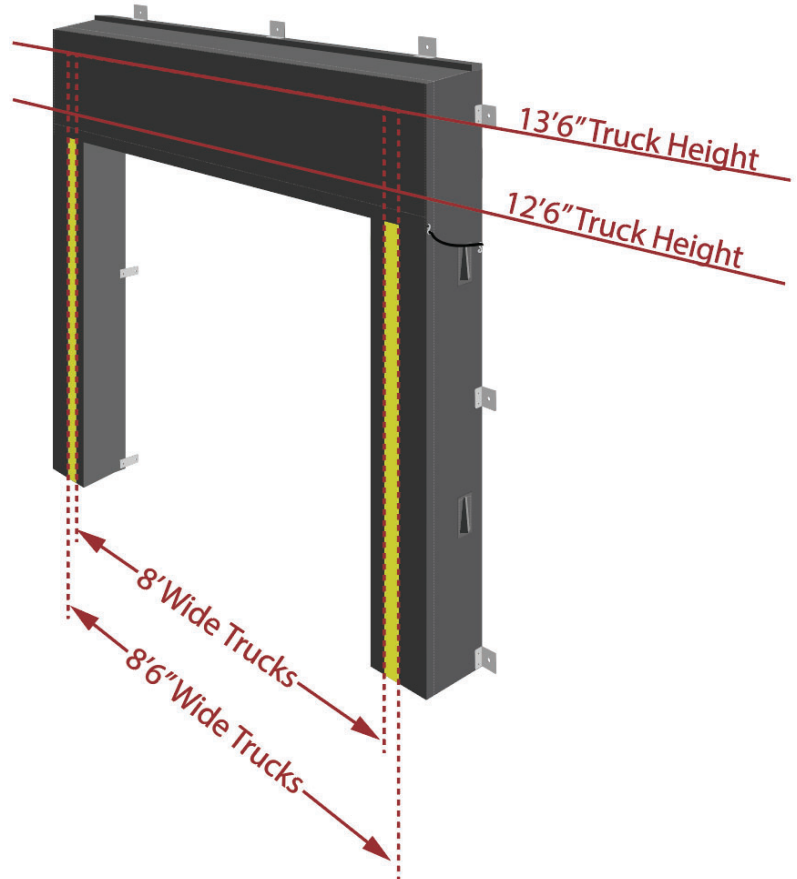
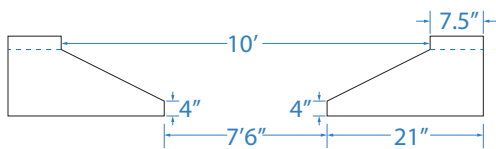
9' Wide Door Vertical Seal Wedge

ZN



10' Wide Door Vertical Seal Wedge

ZT



Construction

- (1) Steel pipe runs the full width of the header, adding stability and a uniform shape to the curtain header.
- (2) Foam pipe adds rigidity and improves seal across the curtain header.
- (3) Pressure treated wood backer. Backside painted black, inside applied with resilient industrial adhesive to chemically bond high density foam.
- (4) High Density foam for superior performance and lifetime use.
- (5) Total of (9) 90° angle and flat brackets for outside and inside edges of pads.
- (6) Two vent pockets on the outside of each vertical pad and drainage holes punched into the base release air and moisture accumulation.
- (7) Yellow guide stripe offset three inches from inside edge, ensure trucks dock accurately
- (8) Tapered bottom edge reduces pinching between docked trucks and bumpers.

Before beginning installation of your seals be sure to read completely through installation instructions.

PARTS LIST:

Right Vertical
Left Vertical
Header

Contents of Hardware Box:

Instruction Sheet
(9) Angle Brackets for Outside of Seal
(9) Flat or Angle Brackets for Inside of Seal
(36) 5/16" Lag Screws to Attach Brackets to Compression Seal Backing Board

Additional Curtain Header Hardware:

(2) 5/16" Lag screws and washers for tie downstraps.
(2) Bungee Cords

Additional Adjustable Header Hardware:

2 5/16" Lag screws and washers for tie down straps.
3 ropes
rope cleat
2 wood screws

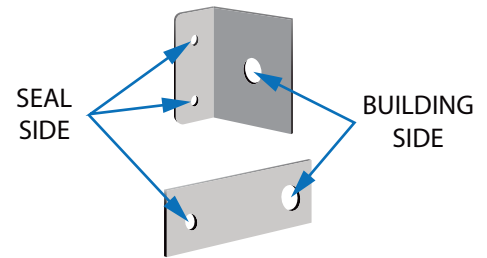
Check all packages to ensure all parts are present before installing

****Wall fasteners not provided with seals****

Mounting Brackets

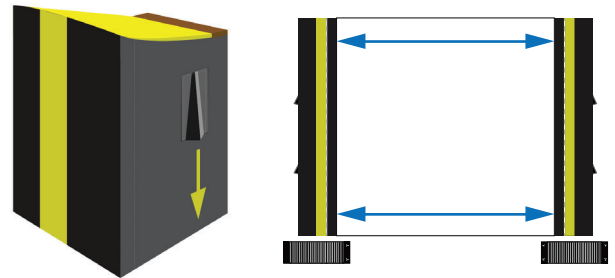
The seal side of the bracket has smaller holes for anchoring to the seals backer board. Use the provided lag screws to secure this side to the seal.

The side with a larger hole is to be used for securement to the wall. Wall fasteners are not provided, be sure to use fasteners that suit your application. The brackets must be positioned so they anchor to firm support either on door frame or building wall. Securement to metal buildings will be explained further down

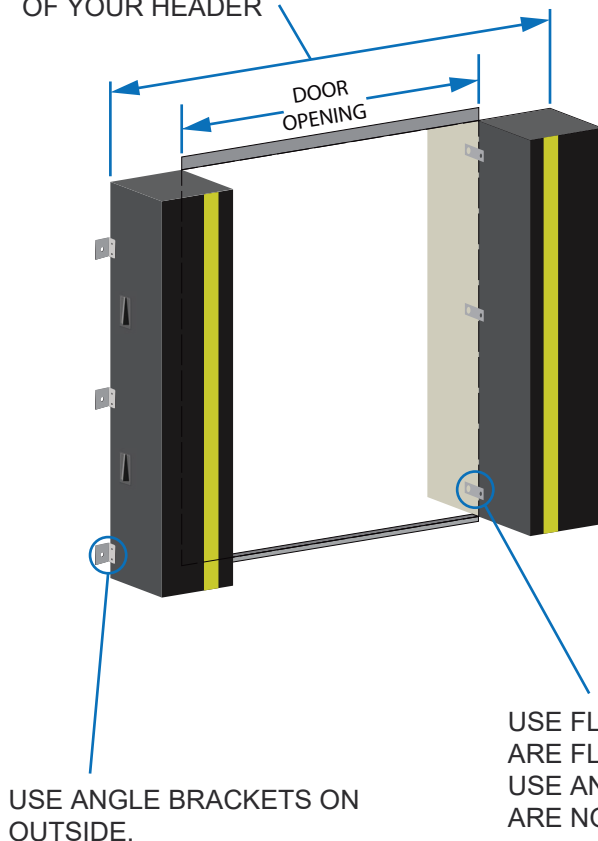


Notes:

- 1) Both verticals must be positioned with the vent pockets on outside of the compression seal and opening toward the ground.
- 2) Make sure all verticals are parallel to door opening.
- 3) Make sure bottom of both verticals are even to the dock floor.



OUTSIDE TO OUTSIDE MEASUREMENT SHOULD BE THE SAME AS THE LENGTH OF YOUR HEADER



DOCK SEAL VERTICAL INSTALLATION

1. Secure the angle brackets to pocket side of each vertical using the provided lag bolts. Next measure the width of your header and use this measurement to determine where the outside of each vertical should be mounted; Note: standard seal sets typically have the inside edge of the verticals flush with the opening. When mounting the vertical ensure the base is flush with the bottom of your door opening. ALWAYS BE SURE TO HAVE THE VENT POCKET OPENING DIRECTED TOWARDS THE GROUND.

2. Once your vertical has been secured via pocket side angles secure the 3 flat or angle brackets on the inside of the vertical. The installer must provide fasteners for wall securement. POSITION THE BRACKETS WITH FIRM SUPPORT ON THE DOOR FRAME OR BUILDING WALL.

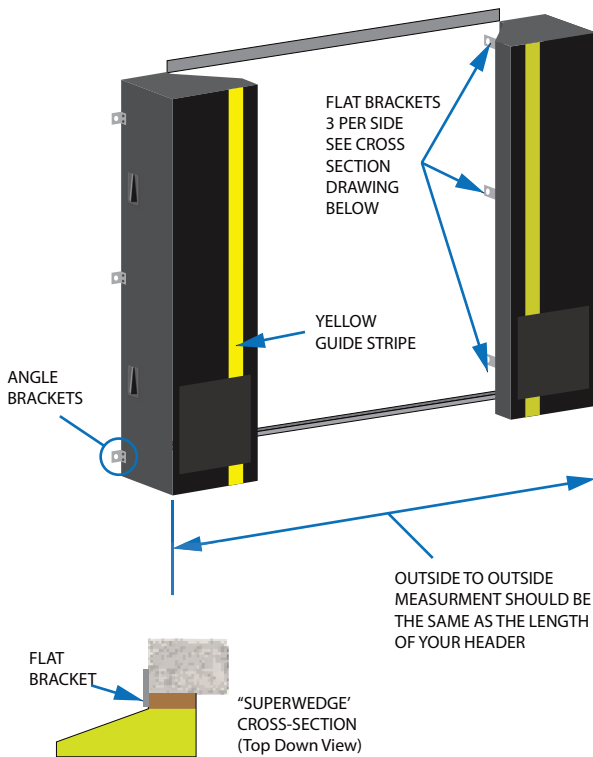
Note: When anchoring into concrete remember to drill your countersinks deeper than the intended anchor penetration.

SUPERWEDGE DOCK SEAL VERTICAL INSTALLATION

1. Secure the angle brackets to pocket side of each vertical using the provided lag bolts. Next measure the width of your header and use this measurement to determine where the outside of each vertical should be mounted; Note: standard seal sets typically have the inside edge of the verticals flush with the opening. When mounting the vertical ensure the base is flush with the bottom of your door opening. **ALWAYS BE SURE TO HAVE THE VENT POCKET OPENING DIRECTED TOWARDS THE GROUND.**

2. Once your vertical has been secured via pocket side angles secure the 3 flat or angle brackets on the inside of the vertical. The installer must provide fasteners for wall securement. **POSITION THE BRACKETS WITH FIRM SUPPORT ON THE DOOR FRAME OR BUILDING WALL.**

Note: When anchoring into concrete remember to drill your countersinks deeper than the intended anchor penetration.



INFORMATION ABOUT INSTALLATION OF COMPRESSION SEALS ON METAL BUILDINGS

INSTALLATION OF COMPRESSION SEALS ON METAL BUILDINGS

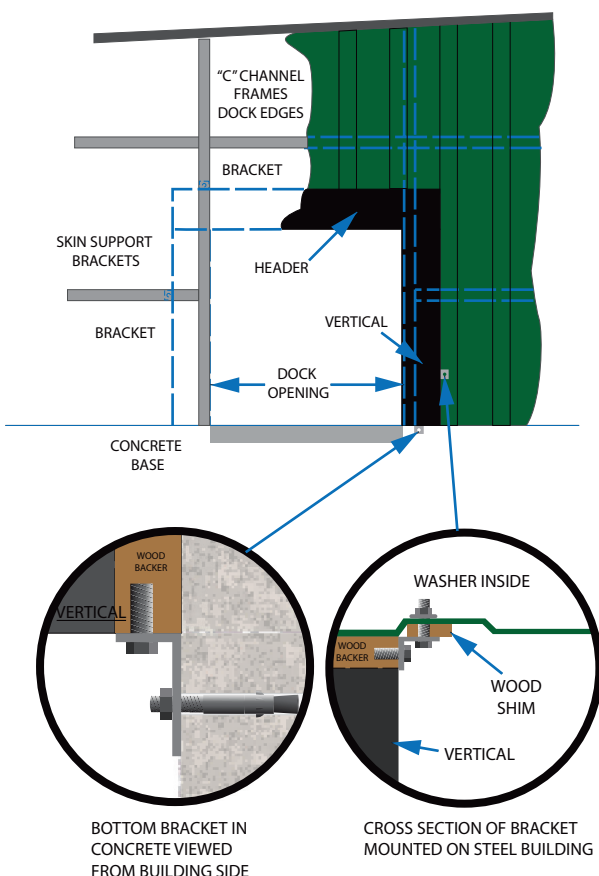
1. If installing your dock seal on a metal building Keep in mind the securement brackets should be anchored to the buildings frame/struts wherever possible. In some cases it may be necessary to thru-bolt the outside brackets; if this is the case we recommend using 3/8" bolts.

2. The ideal method of securement on a metal building is to anchor through the steel supports. In most situations you will have two supports readily available to mount the verticals to. If there is only one cross support secure the vertical by bolting through the metal skin per the above drawing. We also advise, space permitting, that installers place one angle at the base of the vertical anchoring into the foundation rather than the steel building.

3. If the outside edge of the vertical falls on a low spot of an irregular metal surface, you can shim the gap between the vertical and the skin with 1 1/2" thick lumber.

4. Usually the header of the compression seal will not pose a problem. The C-shaped channels that make up the door frame of the building, normally continue up the wall over the door. Using these two anchor points typically provides satisfactory results.

The factory has pre-formed closure material for the gaps at the top of the header, available at a small additional cost.



LIBERAL CAULKING IS ADVISABLE

STANDARD HEADER INSTALLATION (CURTAIN OPTIONAL)

1. Secure (3) angle brackets to the header side with no pockets, this will be the top side of the header when installed. Place the header on the verticals so the ends are even with the outside of the vertical. Once you have secured the top brackets, secure the base of the header with the remaining 3 flat or angle brackets.

2. Liberal caulking above the header is recommended.

3. Curtain Option: Curtain should hang down in front of the verticals. The curtain length is determined by the dock survey information supplied to the factory.

CURTAIN HEADER INSTALLATION

1. Secure three angle brackets to the 4" side of the header securement board; make sure to not put these on the wrong side. Once the angles have been attached rest the header board on the top of the verticals so the ends are even with the outside of the verticals and secure to the wall. Standard installations should end up with the base of the header board flush with the door opening.

2. Bring the top of the header over the verticals so the metal support pipe is at the front of the verticals. Let the MC Curtain drop down in front of the verticals.

3. Using the flat plates secure the base of the header board to the door opening. If your verticals are set to have the header rest higher than the opening use the provided alternative angle brackets.

4. At each end of the curtain, the attached rubber tie-down straps should be taken straight back to the backing board and attached with lag screws and the washers provided. The tie-down strap should have slack in it to allow for movement of the header curtain.

5. Liberal caulking above the header is recommended.

ADJUSTABLE CURTAIN HEADER INSTALLATION

1. Place the adjustable curtain header on top of the verticals with the upright board (3 1/2" side of the 2x4) against the building, and the flat 2x4 pulley board at front of vertical.

2. Be sure vinyl is between board and building. Attach board to building wall with 6 angle brackets provided, three outside and three inside.

3. Let curtain drop down outside of the verticals. Attach ropes to loops sewn into bottom of the header curtain and thread ropes through pulleys to right side of curtain. NOTE: DO NOT TIE THE ROPES TOGETHER.

4. Attach rope cleat to the wood backing of the vertical, approximately 6' from the dock floor.

5. Liberal caulking above the header is recommended.

