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# PERMA RIGID SHELTER WITH FALSE HEADER

## *INSTALLATION INSTRUCTIONS*



### NOTE:

CHECK SHIPPING CONTAINERS BEFORE RELEASING CARRIER.

NOTIFY CARRIER IMMEDIATELY UPON DISCOVERING ANY CONCEALED DAMAGE.

### **WARNING:**

DO NOT INSTALL THIS PRODUCT UNLESS YOU READ AND UNDERSTAND THE WARNINGS AND INSTALLATION INSTRUCTIONS CONTAINED IN THIS MANUAL. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH

# **INSTALLATION INSTRUCTIONS**

## **PERMA RIGID SHELTER with FALSE HEADER**

**NOTE:**      *CHECK SHIPPING CONTAINERS BEFORE RELEASING CARRIER. NOTIFY CARRIER IMMEDIATELY UPON DISCOVERING ANY CONCEALED DAMAGE.*

1. Find the centerline of the door opening and mark the door opening top and bottom. Use the head frame to find the unit width and mark the wall, right and left, for the correct positions of the side frames.
2. The steel bumpers are mounted with the top edge level with the dock floor. The outside edge of the bumper should be 1" outside the wall marking for the unit width, right and left.
3. Remove the aluminum angles from the side frames.
4. Attach the side frames to the wall with the outside edge of the wall marks. If side frames are made in two or more sections, attach wall section first. Attach remaining sections together with 4" bolts provided. Plumb frames and shim if necessary. Fasten frame to the wall in at least three places. Drill up through the hole in the bumper and through the bottom of the side frame and bolt with the provided 3/8" hex head bolt. (Washer and nut on the inside of frame)
5. Align side curtain with the side frame. Tack curtain onto frame in 3 to 4 spots to hold it in place, use roofing nails provided.
6. Bottom cushions (*no-step cushions*) are ready to be hooked onto the second lowest rung of the side frames using the attached "L" or "J" brackets. Secure the pads onto the frame using two - # 12 wood screws per cushion. Be sure that the "NO-STEP" label is facing up and readable to those standing inside the dock.
7. Set the head frame on top of the side frames and bolt the head frame to the wall. (If fiberglass top begins to buckle, shim between frame and wall.) Lag side frames and head frame together through pre-drilled holes in the top 2x4's on the side frames. If head frames are made in two or more sections, attach wall section first. Attach remaining sections together with 4" bolts provided.
8. Install False header Bar as shown in drawing, using 3/8" x 4" bolts provided. Install bolts into factory predrilled holes in side frame.
9. Attach the head curtain to the head frame using the same procedure as used for side curtains.
10. Replace angles to side frames and bolt through angle, curtain grommets and frame. Use 5/16" x 1-1/2" Hex Head Lag bolts provided. (no washer and nut needed).
11. Head curtain tie-down strap should be secured to unit so that it lays flat. Attach strap under the side angle with a 5/16" x 1-1/2" Hex Head lag bolt or directly to side frame with # 12 wood screws.
12. Hook the shock cords on the top of the side curtains to the eye hooks at the center of the head frame.
13. Caulk around the outside of entire unit.

ATTACH HEADER TO SIDE FRAMES USING  $\frac{5}{16}$ " x 3" HEX HEAD LAG BOLTS (PROVIDED) THROUGH FACTORY PREDRILLED HOLES.

ASSEMBLY HARDWARE PROVIDED (LOOSE)

- 20 -  $\frac{5}{16}$ " X 1- $\frac{1}{2}$ " HEX HEAD LAG BOLTS
- 2 -  $\frac{5}{16}$ " x 3" HEX HEAD LAG BOLTS
- 2 -  $\frac{3}{8}$ " x 2- $\frac{1}{2}$ " HEX HEAD LAG BOLTS
- 4 -  $\frac{3}{8}$ " WASHERS
- 2 -  $\frac{3}{8}$ " NUTS
- 8 - # 12 WOOD SCREWS
- 15 - ROOFING NAILS
- 2 -  $\frac{3}{8}$ " x 4" HEX HEAD LAG BOLTS
- 2 -  $\frac{3}{8}$ " x 4" NUTS
- 2 -  $\frac{3}{8}$ " x 4" WASHERS

SIDE FRAMES - 2"x4" PRESSURE-TREATED LUMBER COVERED WITH VINYL - ATTACH TO WALL WITH OUTSIDE EDGE OF THE WALL MARKS

HOOK BOTTOM CUSHIONS ONTO SECOND LOWEST RUNG OF SIDE FRAMES USING ATTACHED "L" OR "J" BRACKETS USING #12 WOOD SCREWS

PROTECTIVE STEEL BUMPERS (6" BEYOND PROJECTION) - DRILL UP THROUGH HOLE IN BUMPER AND THROUGH BOTTOM OF SIDE FRAME, SECURE WITH  $\frac{3}{8}$ " x 2- $\frac{1}{2}$ " HEX HEAD BOLTS PROVIDED

BOTTOM DRAFT CUSHIONS

GUIDE STRIPE (4" W x 24" H, 18oz YELLOW FABRIC)

FIBERGLASS STAYS IN CURTAINS

HEAD FRAME - TAPERED 2" x 6" PRESSURE-TREATED LUMBER COVERED WITH FIBERGLASS MATERIAL

TACK SIDE CURTAINS IN PLACE USING NAILS PROVIDED

FALSE HEADER MATERIAL: 22 oz VINYL OR 16 oz HYPERLON

ATTACH FALSE HEADER BRACE TO FRONT BRACE OF SIDE FRAMES -- SECURE IN PLACE USING  $\frac{3}{8}$ " x 4" BOLTS (PROVIDED) THROUGH FACTORY PREDRILLED HOLES.

$\frac{3}{8}$ " X 4" BOLT

HOOK SHOCK CORDS (ATTACHED TO TOP CORNER OF SIDE CURTAINS) TO EYE HOOKS AT THE CENTER OF THE HEAD FRAME

SECURE HEAD CURTAIN TO FALSE HEADER BAR WITH  $\frac{5}{16}$ " x 1- $\frac{1}{2}$ " HEX HEAD BOLTS

SECURE LAST HOLE ON BOTH EDGES OF HEAD CURTAIN WITH #12 WOOD SCREW THEN COVER WITH SIDE ANGLE

FALSE HEADER BAR 2 - 2" x 4" PRESSURE TREATED LUMBER

FALSE HEADER USED ON UNITS OF 12' 6" OR HIGHER TO REDUCE HEAD CURTAIN DROP AND PROVIDE A STURDIER CURTAIN

BOTTOM DRAFT CUSHIONS

SECURE TIE-DOWN STRAP WITH #12 WOOD SCREW

FIBERGLASS STAYS IN CURTAINS

SECURE CURTAINS WITH FINISHING ANGLE ON TOP AND SIDES USING  $\frac{5}{16}$ " x 1- $\frac{1}{2}$ " HEX HEAD LAG BOLTS PROVIDED

