Perma Tech, Inc.

"Your Single Source for ALL Your Loading Dock Needs"

PERMA RIGID GROUND SHELTER
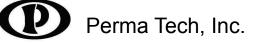
INSTALLATION INSTRUCTIONS

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

WARNING : Do not install this product unless you have read and understand the
warnings and installation instructions contained in the manual.
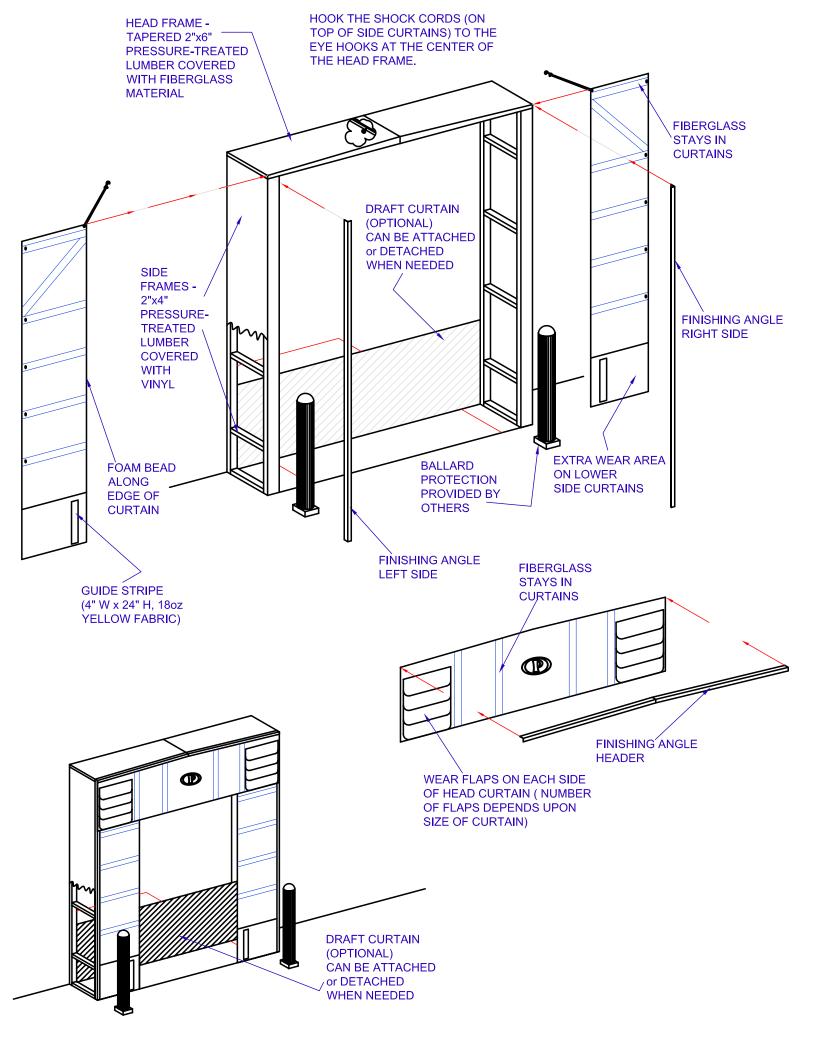Failure to do so could result in serious injury or death.

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PERMA RIGID SHELTER

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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. Remove the aluminum angles from the side frames.

3. 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.

4. Align side curtain with the side frame. Tack curtain onto frame in 3 to 4 spots to hold it in place, using the nails provided.

5. 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.

6. Attach the head curtain to the head frame using the same procedure as used for side curtains.

7. Replace angles to side frames and bolt through angle, curtain grommets and frame. Use 5/16" x 1-1/2" Lag bolts (no washer and nut needed).

8. Head Curtain tie-down strap should be secured to unit so that it will lay 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.

9. Hook the shock cords on the top of the side curtains to the eye hooks at the center of the head frame.

10. Caulk around the outside of entire unit.

HEAD FRAME - TAPERED 2"x6" PRESSURE-TREATED LUMBER COVERED WITH FIBERGLASS MATERIAL

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

FIBERGLASS STAYS IN CURTAINS

SIDE FRAMES - 2"x4" PRESSURE-TREATED LUMBER COVERED WITH VINYL

DRAFT CURTAIN (OPTIONAL) CAN BE ATTACHED or DETACHED WHEN NEEDED

FINISHING ANGLE RIGHT SIDE

FOAM BEAD ALONG EDGE OF CURTAIN

BALLARD PROTECTION PROVIDED BY OTHERS

EXTRA WEAR AREA ON LOWER SIDE CURTAINS

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

FINISHING ANGLE LEFT SIDE

FIBERGLASS STAYS IN CURTAINS

FINISHING ANGLE HEADER

WEAR FLAPS ON EACH SIDE OF HEAD CURTAIN (NUMBER OF FLAPS DEPENDS UPON SIZE OF CURTAIN)

DRAFT CURTAIN (OPTIONAL) CAN BE ATTACHED or DETACHED WHEN NEEDED

LIMITED PRODUCT WARRANTY

Perma Tech, Inc. warrants the material and workmanship in any product manufactured by Perma Tech, Inc. for a period of one year from the date of shipment to customer if properly installed, maintained and used. This limited warranty shall not apply in the event of misuse or modification by customer or to materials not manufactured and installed by Perma Tech, Inc.

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