

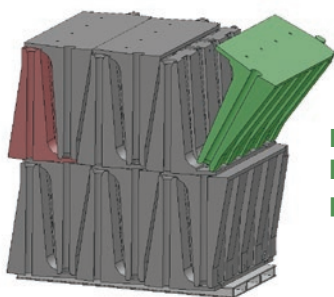


Step 1

The Muscle Wall will arrive with 12 walls of 4-foot units on each pallet. A full truckload of these 4-foot units will consist of 8 pallets, or 96 units. The 2-foot Extension System will come in pallets of 24 units per pallet.

With a forklift or tractor unload trailer and strategically place bundles throughout area for deployment.

Last wall to be removed per row



First wall to be removed per row

Step 3

Always remove the upside-down wall first on each level. Always remove all of the walls from the top layer before removing any from the bottom layer. One person on each side lifts the wall up, freeing the securing pegs, then lowers the wall to a comfortable carrying position.

Faces toward water



Step 5

Be sure that the toe of the Muscle Wall is facing the water or material that is to be contained.



Step 2

Determine where the Muscle Wall system will be installed. Unroll a Muscle Wall underlayment piece so the edge with the sleeve is where the back side of the Muscle Wall will need to be installed. Ensure that the underlayment is completely flat. The underlayment is necessary if deploying on concrete or asphalt.



Step 4

Begin setting Muscle Wall along the predetermined deployment area (on top of the Orange Underlayments). When connecting one wall to another, raise the Muscle Wall high enough to rest the edge on top of the connecting wall. Ensure the male and female ends are lined up and then slide the joint together. **Be sure to exercise proper lifting technique and to keep hands free of the joint while the Muscle Wall is sliding into place.**



Step 6

Make sure that the wood inside the sleeve isn't covering the last right side indent of the wall, eventually where the brace will sit. Also insure that you have access to the bung plug on the left side.



Step 7

Before filling the walls with water, identify the pallets containing the blue metal triangular braces. Bring the braces into place, resting the 90 degree bottom corner of the brace into the last right side indent of the wall. In the bottom toe of each brace, a small tab is visible where the wall will rest on top of, locking the brace into place.



Step 8

Each triangular brace has a corresponding blue "cleat" that will slide into the end of the brace, as shown above. Line up the middle circular hole of the cleat with the circular hole in the brace.



Step 8B

Each cleat has a corresponding metal stake and orange protective cap that can be used if deploying on soil or in high wind areas. Insert the stake through the middle hole of the cleat and through the hole in the brace, as shown above. If deploying on concrete or asphalt, rubber friction mats can be provided.



Step 9

Identify the blue ratchet straps in the shipment and bring into place by inserting the strap through the kiss-through directly behind the brace, and bringing it around the front of the wall, and inserting it back through the kiss-through on the wall directly next to the brace, securing the neighboring walls together. Fasten the ratchet strap around the back end of the metal brace, as shown above.



Step 10

Using your preferred water source, fill each 4' Muscle Wall unit with water. In most applications, filling each Muscle Wall three-quarters of the way full is all that is necessary.



Step 11

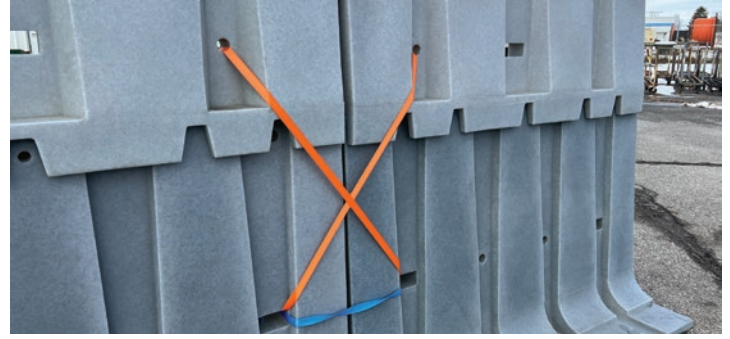
Once the walls are filled to your required height, begin to place the gray 2ft Extensions on top of the walls, making sure they're in proper position with each hole and peg. Identify the totes where the orange safety straps will be located.



Step 12-

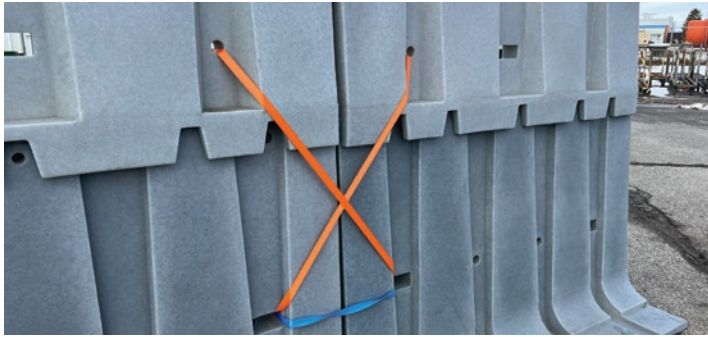
READ THROUGH STEP 14 BEFORE COMPLETING

2 orange safety straps per wall junctions will be used to secure the wall to the extension system, as shown above. Insert the straps through the through the Muscle Wall in the square kiss-throughs to the front of the wall. Run the strap up and across to the neighboring extension piece, and through to the back.



Step 13

When installing the orange safety straps, run them through each of their respective holes on the back side of the wall, and back through the front of the system in a diagonal fashion, making an X, as shown in the picture above. Ensure that the buckle of each strap is on the side of the wall without the toe, as shown in the previous picture. **Don't completely fasten the straps at this point.**



Step 14

When installing the orange safety straps, run them through each of their respective holes on the back side of the wall, and back through the front of the system in a diagonal fashion, making an X, as shown in the picture above. Ensure that the buckle of each strap is on the side of the wall without the toe, as shown in the previous picture. **Don't fasten the straps at this point.**



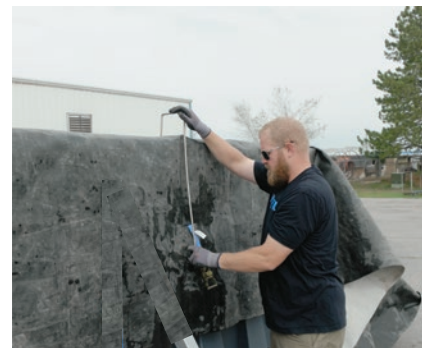
Step 15

At this point, after all components of the system are in place, bring the liner into place and drape it over the top of the walls, about halfway down the back side of the system.



Step 16

Cut two small slits in the liner to bring both the ratchet and end of the highest strap (from the extension piece) through the liner. Bring the straps and ratchet through the slits and tighten the ratchets, fastening the liner to both the wall and extension piece, as well as fastening the extension piece to the wall and brace.



Step 17

Identify the thin metal liner clips in the shipment, and bring into place by placing a clip over each wall, approximately 1.5 feet to the right side of each brace. Ensure that the longer end of the liner clip is down the front of the wall.

FINAL STEPS

Repeat the steps with the remaining braces, and liner clips.

Ensure that each wall has a corresponding brace, cleat, straps, and clip, and that each extension, wall, and brace are strapped into place with each other.