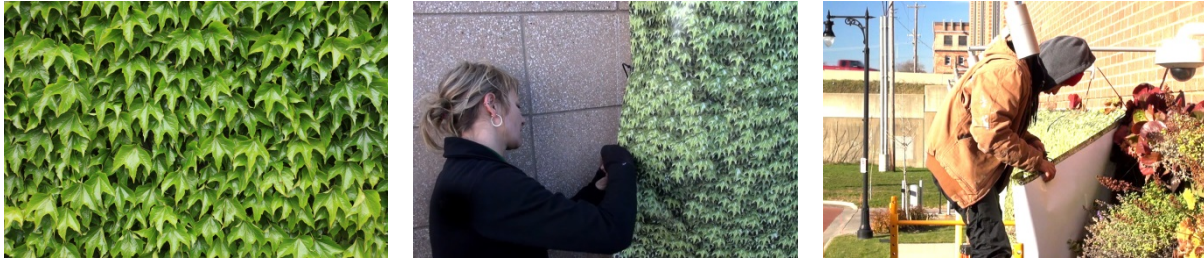


LIVEWALL WINTER COVER

ORDERING AND INSTALLATION INSTRUCTIONS



INTENDED USE AND DISCLAIMER

LiveWall supplies grommeted, vinyl winter covers to aid in the overwintering of “perennial” plants in cold winter climates.

Why is this needed? In cold winters, especially those with sunny windy conditions, the plants can literally be “freeze-dried”. By covering with a vinyl winter cover, this effect is greatly lessened. Winter covers act to moderate temperature highs and lows, block the wind, and hold in moisture.

What do they look like? They are printed with an attractive mid-green, translucent Boston ivy graphic.

How are they used?

- A. Winter covers are applied just before the soil freezes, appx. Dec. 1 in Michigan for example, and only after THOROUGHLY WATERING THE SOIL (the day before covering). The plants “should not” be pruned before they are applied. This helps hold in moisture.
- B. Winter covers are typically removed during mid to late March in Michigan for example. Upon removal, plants are immediately and thoroughly watered (and thereafter watered according to need—see LiveWall watering chart), but not pruned until after danger of late frost, as they will have tender new shoots among last years’ foliage and stems.

How are they attached?

- A. They are tightly applied with zip ties, bungee straps or ¼ inch nylon rope. They can be anchored into the support wall, the LiveWall frame, or the planter boxes. Some installers drill small holes in the top or bottom lip of the planters, which is relatively unnoticeable. Winter covers should be tightly attached to structure, with every grommet. If the wall is large, it will require multiple covers, and the grommets in the middle should be attached to the planters or structure, rather than just connected together. All grommets should be tightly attached to “structure”.
- B. If the site is very windy, consider adding some strapping or roping material across the face of the cover, to prevent billowing or flapping in strong winds.

What sort of results can I expect?

All walls, exposures and weather conditions are unique, so there are no guarantees. However, where winter covers have been properly used they have greatly improved overwintering success— with some walls in Michigan experiencing nearly 100 % survival.

ORDERING INSTRUCTIONS

Step 1: Take measurements of your LiveWall as installed—and planted if possible. Plant selection will vary, and the amount of slack needed to account for billowing of the vegetation is unique to each installation. Measure from end to end and top to bottom, across the face of the plants—for a relatively true size.

If you can't measure with the plants in the wall, then consider oversizing by 8-12 inches total, from left to right, and 8-12 inches total, from top to bottom, to account for the billowing of the plant material. Because of the nature of plants, sizing winter cover is not an exact science; but "sizing" does not need to be exact for them to work effectively—it's more important for them to fit tightly and securely, and this is relatively easily done with a little ingenuity.

Step 2: Send diagram with measurements to sales@livewall.com. LiveWall will provide a quote and production layout drawings for each wall panel section. Long runs will be broken up into smaller sections for ease of handling and storage.

Step 3: Sign the quote and production layout drawings and email them to sales@livewall.com. A 50% deposit is required to initiate production and may be paid by check, wire transfer, or Visa, MasterCard or Discover credit cards. American Express is not accepted. Production and delivery can take 4 weeks, so it is best to do this long before the final freeze. In early September or October is advised.

INSTALLATION INSTRUCTIONS

Determine the method of attachment that works best for your installation.

Fastening Material Options: The cover may be secured with heavy-duty black 16-18 inch long, UV resistant zip ties, 1/4" nylon rope, bungee cords, or any other suitable, durable, and weather-resistant materials. **Installer is solely responsible for securing the cover to the living wall, and for determining which attachment methods and materials are required for the specific site. In all cases, EVERY GROMMET must be secured to either the living wall structure, the planters, or the building wall.**

LiveWall offers the following suggestions for securement based upon what we have observed to work well in certain installations.

Top of the cover may be secured to:

- Eyebolts drilled into the support wall.
- LiveWall structure (usually the topmost RainRail).

Bottom of the cover may be secured:

- Through holes drilled in planter boxes.
- Through holes drilled into slot rails.
- With rope and stakes into the ground.
- To eyebolts drilled into the LiveWall frame or building wall.

Sides of the cover may be secured:

- Through holes drilled in planter boxes.
- To eyebolts screwed into the irrigation concealment facing material (if applicable) or building wall.
- To the LiveWall support structure.

MAINTENANCE INSTRUCTIONS

Routine Inspections

Following strong wind events or storms, LiveWall recommends an inspection of the winter cover to make sure that it remains secure. As needed replace or tighten any loosened or damaged attachment materials.

STORAGE

1. Remove first the bottom and then the sides of each cover section and lastly, the top.
2. Clean the vinyl cover with mild soap diluted in water. Do not use detergents, solvents or other aggressive cleaners, as they may damage the print.
3. Inspect for tears, creases, or holes exist, patch using a product marketed for vinyl repairs according to the manufacturer's instructions. For best performance, patch both the front and the back of the banner using a specialized clear material, such as [Tear-Aid®](#) vinyl repair kits.
4. Once dry, Roll, rather than fold, the cover and store in a cool, dark dry location until the next use.