



Eziwinder & Roll-up Wall

A Roll-Up wall is designed for sheltered locations and is available in various configurations. One Eziwinder winch with a standard height opening will usually operate up to 50 metres of Roll-Up wall. Standard opening of the Roll-Up between the top rail and the rail at the base of the Roll-Up is 1.6m - 2.0m. The Roll-Up curtain is retained by vent net or windbreak on the outside and 1 retaining strap mid-span on the inside. If clear access is required roll up sides may use external steel retaining bars on the outside at each pole.

Short Leg Insert (green tint colour) is used to secure the film and vent net into the top rail Lockstrip when both film and vent net are used together.

Full height side or end wall Roll-Up walls will move considerably in windy conditions. These require steel retainer bars at each stud and pole at a maximum of 3.5m centres.

Assembly Instructions:

- 1 Fit Lockstrip to the lower edge of the top rail with tek screws at a maximum 200 mm centers. The height of the Roll-Up base rail is set from under the top rail. Measure 1.650m or 2.050 m from the underside of toprail to the underside of the mid or base rail,
Or Run a string line along the side at the above measured distance and attached the mid or base rail to the sidewall.
- 2 Attach Polybelt mid-span between the poles to be directly behind the film (on the inside of the greenhouse wall). Pass the belt under the top rail Lockstrip and secure to the inside face of the top rail with a penny washer and tek screw. (fold the belt double to reinforce the attachment). Pull the belt tight and attach to the back of the mid-rail, double the belt over to reinforce the attachment. This internal Polybelt is in place to assist with supporting the roll up wall plastic when wind is forcing it against the greenhouse wall.
- 3 You may wish to install a “draft strip” at each end of the roll up wall. The draft strip stud is usually installed 600mm in from each end post & the roll up wall extends past it. Install film onto the draft strip (see drawing on page 3).
- 4 Apply Polyguard tape to the outside face of all the poles & any other parts that the roll up wall will be working against.
- 5 Lay out the galvanised roll-up tube pipe on the ground along the length of the wall with the swaged ends away from the winch. Insert swaged end hard into each length and secure together using 3 - 10x16 posi tek screws per joint. Apply one layer of Polyguard Tape over joints and screws to protect the film.
- 6 Fit the winch guide pipe bottom bracket to the base of the corner pole. Slide Eziwinder winch onto the guide pipe. Fit the adjustable guide pipe bracket to the top of the pole and leave the adjustable stub loose in the bracket.
- 7 To attach the roll up tube to the Eziwinder, drill an 8mm dia. hole 15 mm in from the end of the roll up tube. Fit the pipe onto the Eziwinder shaft over the white nylon bush, fit the stainless steel bolt and tighten the Nylock nut.
- 8 Locate Roll-Up film in top rail lower Lockstrip groove, using short 200mm insert off-cuts at 1.500 metre centres to temporarily position film. Allow the film to drop a minimum of 300 mm below mid rail to provide 3 complete turns on the tube. Trim if required so as it is parallel with the Roll Up base.

- 9 With assistance lift the roll up tube up to the bottom of the film so as one turn of film can be wrapped around the tube. Work along the Roll-Up wall fitting Polyclamps at 1-metre centers.

NOTE: Avoid placing Poly Clamps at points along the wall where they would be against the poles as the extra thickness can cause problems when the Roll Up wall is near the top of its travel. Care at this point to keep the tube straight and parallel with the top & mid-rail will produce a good finished Roll-Up.

- 10 Turn the handle on the Eziwinder and wind the film on another 2 full turns to secure and lock the Polyclamps and to position the tube on the Roll Up base rail.

Check tube is straight along Roll Up base rail, adjustments can be made with the polyclamps by turning them on the tube.

- 11 When the wall film is hanging flat without wrinkling, wind the curtain up and down to check it performs satisfactorily.

- 12 Vent Net Ends can now be fitted at each end using a “Z” bracket to offset the bar at the top rail. Clip the Vent Net in at one end.

Using short lengths of insert, temporary clip the vent net at the top rail into the Lockstrip in the same Lockstrip channel as the Roll-Up film. (USE SHORT LEG INSERT).

Applying a light tension lengthwise will pull the weave lines in the vent net straight. The top can be fully clipped off with full lengths of insert. Remove the temporary inserts as you reach them.

- 13 Clip off the vent net at the Roll Up base rail and trim excess back to 50 mm from Lockstrip.

To Operate

Turning the handle on the Eziwinder will operate the Roll-Up Wall. The Eziwinder is self-braking and will hold the Roll-Up at any position.

Troubleshooting

Eziwinder handle tight to turn:

- The guide pipe may require aligning to the natural angle of the Roll-Up tube, release top guide bracket and reposition.
- The diameter of the full roll may be binding on the retainer bars or vent net. Pack out the retainer bars to allow clearance and refix.
- The pipe may be rolling up unevenly, due to the film being creased, re-align plastic film to prevent creasing.



