



GRANDIO®

G R E E N H O U S E S

MOISTURE CONTROL KIT



ANTI DUST TAPE AND SILICONE CAULK
FOR POLYCARBONATE GREENHOUSE PANELS

PARTS LIST QUANTITIES FOR GRANDIO ELITES

Part Name	ELITE 8' x 8'	ELITE 8' x 12'	ELITE 8' x 16'	ELITE 8' x 20'	ELITE 8' x 24'
ANTI DUST TAPE	2	3	3	4	4
SILICONE CAULK IS INCLUDED IN EACH GRANDIO ELITE PACKAGE AS OF DECEMBER 1, 2016.					

PARTS LIST QUANTITIES FOR GRANDIO ASCENTS

Part Name	ASCENT 8' x 8'	ASCENT 8' x 12'	ASCENT 8' x 16'	ASCENT 8' x 20'	ASCENT 8' x 24'
ANTI DUST TAPE	2	2	2	3	3
SILICONE CAULK	2	2	3	3	4

PARTS LIST QUANTITIES FOR GRANDIO ELEMENTS

Part Name	ELEMENT 6' x 4'	ELEMENT 6' x 8'	ELEMENT 6' x 12'
ANTI DUST TAPE	1	2	2
SILICONE CAULK	1	2	2

ANTI DUST TAPE POLYCARBONATE PANEL APPLICATION

1.1 Measure the length of the panel, cut the vented tape with about a 1/2 inch extra on each end for a wrap around seal. See **A**.

1.2 Carefully peel the backing off the vented tape and gently align so the vented holes are centered on the flutes of the twin wall polycarbonate panel and the 1/2" over hang on both ends, see **A**. Apply the tape by laying across the flutes, gently pressing the tape flat down at the middle at first then working your way over the edges of the panel trying to prevent wrinkles or air bubbles, see **B**. Press the ends flat so they can envelope around the sides for a seal, see **C** and **D**. Press down firmly along the entire edge of the panel.

1.3 Apply the vented anti dust tape to both ends of your polycarbonate panels. This will prevent critters from entering the flutes of your panels while acting as a filter to prevent mildew or algae from forming inside your panel walls. Note moisture is going to form inside the panels at different times with humidity, this is normal and the tape will allow the moisture to evaporate out.



SILICONE CAULK APPLICATION INSTRUCTIONS

***Follow the directions on your Silicone Caulk package for drying times and safety precautions.**

1.4 You will need a caulk gun to apply the silicone caulk. We recommend you apply caulk into the aluminum edge at the bottom and sides of each polycarbonate panel, and where the aluminum extrusions meet. You may leave the top edge clear where the panels meet the roof extrusions however any gap where aluminum pieces meet may be caulked to prevent water seepage.

1.5 Cut the caulk tube tip with sharp scissors at an angle that will allow you to control the stream of caulk to output a bead of about an 1/8" flow. See **A**.

1.6 Begin applying the caulk at a corner, making sure you are applying enough pressure to the tube while keeping an appropriate angle to get the silicone caulk down into the extrusion to create a nice seal between the frame of the greenhouse and the polycarbonate panels. See **B** and **C**.

1.7 Clean up any smudges with a clean dry cloth by sliding down the caulk line, double check your caulk lines for a complete seal ensuring no gaps.

See **D**. If you made a little mess on the outer edge of the frame it should easily rub off once the caulk dries. See package for drying times and safety guidelines.

