

Installation Guide



Congratulations on your purchase of **Axiome**® multiwall polycarbonate sheet!

These **Axiome**® multiwall polycarbonate panels have been specially prepared for your use, but it is essential that you read the following notes carefully to ensure that you get the very best out of them.

1. Upon receipt of your **Axiome**® panels, they must be stored in a clean, dry area to prevent moisture getting into the flutes.
2. Your complimentary **Axiome**® anti-dust breather tape is enclosed. Many years experience has taught us that there's a big advantage in applying the anti-dust tape when the sheets are installed, along with the **Alukap-XR**® Endstop bar, unlike many other suppliers who fit the tape before despatch, allowing time for it to become damp or damaged before installation. The following instructions set out the best practise guidelines.
3. We believe that **Axiome**® multiwall polycarbonate performs better with **Axiome**® anti-dust breather tape fitted to all open sides, and enough is supplied in your pack to do this, free of charge. Some fit a solid tape at the top, but we feel is not best practice.
4. Ensuring that you are in a clean, dry area, pull the protective film back approximately 100mm from the open edges, taking care not to scratch the surface. Stick the **Axiome**® anti-dust breather tape onto the top surface in a straight line from one side to the other, allowing enough to wrap around and bond to the underside. If it is necessary to join the tape mid-panel, ensure that there is a minimum 25mm overlap. **NOTE:** All adhesives suffer reduced initial bonding strength in very cold conditions. Avoid applying below 5°C.
5. We recommend **Alukap-XR**® Endstop bar as a sheet closure at the bottom. Cut **Alukap-XR**® Endstop bar to the width of each **Axiome**® panel, and push-fit on partway only, so that the open edge of the **Alukap-XR**® Endstop bar just covers the **Axiome**® anti-dust breather tape. Run a thin, consistent bead of **Axiome**®- compatible sealant along the **Axiome**® sheet, next to the leading edge of the **Alukap-XR**® Endstop bar. Then push fully into place, so that the leading edge slides over the bead of sealant, creating a seal that eliminates capillary action.
6. The **Axiome**® sheet is now ready for installation. With the protective film pulled back 100mm from all sides, place in position and secure in place with glazing bars. Where the glazing bars ride over the **Alukap-XR**® Endstop bar, special attention must be given to applying sealant at this point, thereby ensuring no water ingress.
7. Once the **Axiome**® sheet is installed, the protective film must be removed immediately, making sure that it's clean before removal, so that dirt or dust particles are not transferred to the surface of the **Axiome**® sheet.
8. Any cleaning requires the use of plenty of clean, soapy water and a soft, abrasive-free cloth.

Disclaimer

Once **Axiome**® multiwall polycarbonate sheet has left our warehouse, we cannot control transportation, storage, installation or handling, nor can we influence installation conditions, Clear Amber Group cannot be held responsible in any way for condensation issues or other installation problems that may arise, or any associated remedial work. All advice is offered in good faith based on our experience. Installers should apply best practices before and during installation.



*Have you tried our highly heat-reflective **Solek**® multiwall polycarbonate?*

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