

# WINCO

Clearly the choice for windows

## TRANSLUCENT POLYCARBONATE GLAZING PANEL

Winco window Company laid its foundation providing vent windows in glass block walls. In the 50's and 60's the primary school windows were glass block with vents beneath, even back then educators knew the value of day lighting the classroom while keeping vision areas to a minimum. Eventually this tradition was lost and full vision lites became the dominant product for day lighting. Winco has been there along the way setting trends and keeping up with the demands of the industry.

Like everything in life, what was old is new again. Educational facilities managers understand the need for daylight in the class room. Improved test scores and well being are the benefits. However the need to limit the amount of visible daylight to facilitate the use of today's multi-media teaching aids is paramount.



Winco has come up with another innovative solution to meet the current demands, gone are the expensive glass blocks and construction. Winco has coupled their AW grade windows with the latest in multiwall polycarbonate sheets to provide the clean look that architects are wanting and facilities managers desire.



The multi wall glazing can be put into the top light of a bank of windows reducing vision but allowing 40% of daylight to come through. Pair that up with a U-value of 0.23 and a vision lite vent in the bottom for fresh air and you have a window system that is unbeatable.

The multi wall product is also a budget conscious alternative to the exotic filled insulated glass units and fiberglass reinforced options on the market today. They are lightweight, durable and have an aesthetically pleasing neutral color. The panels are made of a single component extruded polycarbonate, unlike other options composed of various parts glued or sealed together that will eventually fail.

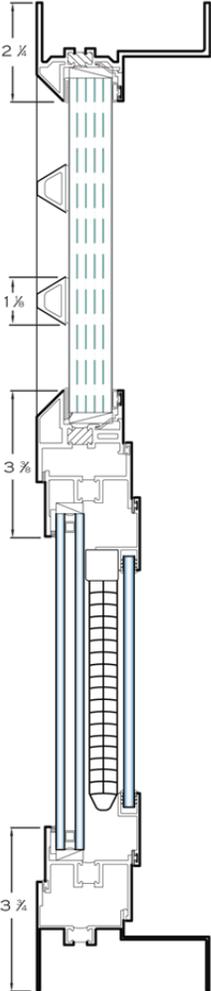
**Winco's part of history, here today and making the future**

**800-525-8089 - [WWW.WINCOWINDOW.COM](http://WWW.WINCOWINDOW.COM)**



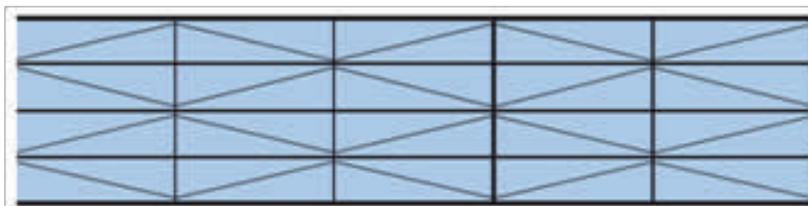
## PERFORMANCE CHARACTERISTICS

- **1" thick extruded multi wall polycarbonate.**
- **Seamless extruded construction eliminates de-lamination.**
- **10 times lighter that a 1" insulated unit of glass.\***
- **Impact resistant / unbreakable polycarbonate material.\*\***
- **Translucent neutral color provides warm lighting and privacy.**



Product	U value	Visible Light Transmittance	Solar heat gain Coefficient	Cost
Winco Multiwall polycarbonate	0.23	40%	0.42	\$\$
Competitors Translucent Fiberglass Panel	0.53	65%	0.54	\$\$\$
Competitors Light Diffusing Insulated Glass	0.3	45%	0.46	\$\$\$\$\$

- **10 year warranty against breakage and yellowing.**
- **Lightweight construction allows for ease of installation.**
- **Use in combination with other glazing materials to improve vandal resistance and U-value.**
- **Meets the fire code requirements in the international building code.\*\*\***



\*assume 1/4"-1/2" air-1/4" glass make up

\*\*tested to UL 972

\*\*\*Self extinguishing with a CC-1 rating the best possible outcome per ASTM D-635.