



Greenhouse Frames

Exclusive Solexx™ framing outperforms the rest. Though there are many good custom houses out there, none of them can stand up to Solexx™ greenhouses. When it comes to strength and added value, our composite-tube frame delivers! **Looks like PVC - but looks are deceiving!**

Solexx™ frames are made from a pultruded, super-strong composite material giving them the strength of steel with none of the disadvantages like corrosion or rust.

Solexx' white color reflects light inside the greenhouse making 100% of it available for your plants. Wood or metal frames cast shadows keeping some of your plants in the dark. Wood frames can wick up water adding moisture, which contributes to disease and early frame failure. Metal frames transfer cold into the greenhouse in the winter creating condensation and robbing vital heat from the inside.

Solexx™ is also the only greenhouse kit that comes with built-in bench frames. They form an integral unit of unequalled strength while creating the most efficient workspace of any other greenhouse.



A greenhouse frame should:

- Remain condensation free and keep the warmth where your plants need it.
Metal frames can't do this
- Be impervious to moisture and disease
Wood can't do this
- Withstand high temperatures without discoloration or warping
Resin frames can't do this
- Weather heavy snow and wind
PVC frames can't do this
- Reflect the light inside back to plants
Dark frames can't do this



Greenhouse frames pass the test!

Why Solexx™?

From the practical rural farmer to the urban gardener, customers find Solexx to be a sturdy, durable, high-quality product that delivers years of gardening pleasure requiring very little maintenance.

From the frame to the covering, **Solexx** delivers top-quality, long-term performance now backed with a 10-year warranty. Whether we're talking about the material itself or a complete greenhouse kit, **Solexx**:

Protects from the elements with its insulation properties and durability.

Diffuses light better than any other material for healthy plants.

Survives hail, wind and stands up through heavy snow storms.

Resists scratching, tearing, breaking and shattering.

Looks great after years of use!

*From the plant's perspective -
there's nothing better!*



Solexx glazing is independently lab tested.

We are quite impressed with the results and think you will be too!

The best insulation - see for yourself!

Comparison Chart

| Material | R-Factor | U-Value |
|------------------------------------|----------|---------|
| Solexx (5mm) | 2.30 | 0.43 |
| Solexx (3.5mm) | 2.10 | 0.48 |
| 8mm Triple Walled Polycarbonate | 2.00 | 0.50 |
| Double Pane Storm Window | 2.00 | 0.50 |
| 10mm Double Walled Polycarbonate | 1.89 | 0.53 |
| 8mm Double Walled Polycarbonate | 1.60 | 0.63 |
| 6mm Double Walled Polycarbonate | 1.54 | 0.65 |
| 4mm Double Walled Polycarbonate | 1.43 | 0.70 |
| Single Pane Glass Window 3mm thick | 0.95 | 1.05 |
| Poly Film | 0.83 | 1.20 |

R-Factor: is the measurement of 'insulating ability' of the material. The higher the R Factor number the greater the insulation value.

U-Value: is the measurement of 'heat loss' through the material. The lower the U Value the less heat is escaping.