

Composite Reinforcement for Vinyl Windows & Doors

Are you looking for a way to differentiate your product in the marketplace? Chelsea Building Products may have the answer through Ccore® technology.

Your Answer to Maximize Thermal Efficiency...

Chelsea Building Products developed a composite reinforcement for vinyl windows and doors utilizing **Ccore**® material technology. This thermally efficient reinforcement, designed to rep lace metal reinforcements, was developed using a proprietary, scientifically engineered PVC composite.

- **Ccore**® is far more thermally efficient than metal (like aluminum or steel), showing an improvement exceeding 12%!
- This specially formulated composite reinforcement uses 100% Chelsea specially formulated compounds. We are able to use our recycled PVC in this product. Unlike fiberglass, **Ccore**® has the ability to be recycled, reformulated and re-used.
- Structural performance grades of DP-50 can be achieved in remodeling and some light commercial Double Hung products.
- The **Ccore**® composite reinforcement is a patented polymer which, in combination with precisely engineered geometry, creates a product that delivers superior thermal and structural performance.
- Can be shipped with your regular PVC lineal orders.
- **Ccore**® is PVC based, so it can be cut on same saws as other PVC material. Plus, it does not have to be isolated on the production floor like metal or fiberglass product has to be.
- **Ccore**® can be placed closer to the sash corner adding reinforcement to tilt latches.



Ccore® Reinforcement



Chelsea's Composite Reinforcement

passed Zone 3 Impact when used as reinforcement on a Double Hung (40'' x 72'') in our TrustGard and DuraTrust XT Series products.



This thermal test shows cold temperature transfers are restricted by our thermally efficient composite reinforcement.



565 Cedar Way • Oakmont, PA 15139 •1-800-424-3573 www.chelseabuildingproducts.com