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Low Carbon Innovations from Capvond

Enclosures Made From Recycled Bottles



Capvond's latest kiosk and enclosure systems are engineered from cutting-edge low carbon composite materials made using recycled plastic bottles. Designed as a sustainable replacement for standard GRP enclosures, our Innovative Low Carbon Class 2 Fire Retardant resin system reduces embodied carbon while delivering industry-leading sustainable enclosures.

Building a Greener Future

Using the latest in cutting edge resin technology, Capvond have developed an industry first, Low Carbon Class 2 fire retardant resin system now being used in the manufacture of our Low Carbon Kiosks and Enclosures.

Our Low Carbon PET board which can be made almost entirely of recycled plastic waste is used as an alternative to timber products and polyurethane foam insulation, further reducing embodied carbon.

- ✓ **Made using recycled plastics bottles** - Each enclosure helps divert thousands of plastic bottles from landfill.
- ✓ **Class 2 Fire Retardant** - Fully tested and fire certified to the highest standards.
- ✓ **UK Made & Lighter Weight** - Reducing transport Co2 emissions and on-site delivery costs.
- ✓ **Saving Trees** - Reducing timber harvesting reduces carbon emissions and preserves biodiversity.

60%

Less CO₂/Kg than standard Polyester Composite Kiosks

25%

Less CO₂/Kg than a Polyurethane Foam

80%

Lighter than Plywood and moisture resistant

Typical U Values

1.93 W/m²K

20mm Composite Wall

0.65 W/m²K

55mm Composite Wall

7,100 Bottles

An Estimated 7,105 plastic bottles go into the manufacture of our 3 x 2.5 x 2.5m Kiosk with a wall thickness of 55mm

