



# Polysolar



## Polysolar Walkway System

Prior Weston Primary School - Barbican, London 2013

**Objective:** Play area canopy designed to offer a dry and safe school yard extension, whilst reducing heat gain and glare in classrooms and providing renewable electricity.

**Solution:** Transparent PV Overhead Walkway

**Size:** 2.7 kW

**Module used:** PS-C901 Transparent (90 watts)

**Project:** To supply Polysolar BIPV glazing units for a walkway canopy at Prior Weston Primary School, Barbican, London. Polysolar were approached by Able Canopies of Clacton - on-Sea who have over 2,000 canopies designed and built across the UK.

**Result:** The transparent PV glass was mounted on a steel cantilever frame, supplied by Able Canopies, who also installed the electrical system. The installation used PS-C901 series transparent units as an alternative to polycarbonate sheets. This gave an exceptionally attractive finish and an overt demonstration of the need for renewable technologies to the school children. The direct benefits for the school are reduced energy consumption and CO<sub>2</sub> emissions.

# Prior Weston Primary School, Barbican, London 2013

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The sleek aesthetics and low cost of the Polysolar's PV glazing makes it ideal for a wide variety of applications. This enables customers to showcase CSR and carbon commitments, meet planning and building regulations (BREEAM) and offer the customer an ability to differentiate their design while reducing their building operation costs.

Reduction in energy consumption

Aesthetic solution that also limits overheating and excessive sunlight

Reduction in CO<sub>2</sub> emissions

Environmental credentials



For more information on Polysolar and its ground-breaking energy producing building materials please email [info@polysolar.co.uk](mailto:info@polysolar.co.uk)

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