



Fixings & Fastenings
HDPE Plastic
Rope
Polycarbonate
Timber Roofs & Sides
Timber & Round Section
Sail Shade Fabric
Tension Structure Fabric

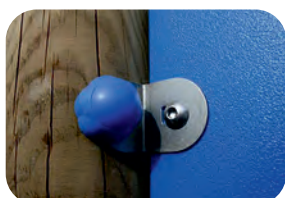
MATERIALS

Materials & Fixings

Fixings & Fastenings

Vandal and weather resistant zinc plated, galvanised or stainless steel fixings combine bolts, screws and washers for strength, with some recessed and capped for safety and conformance to EN1176 standards.

Tough plastic caps are used which clip over the tops of all exposed bolts. This prevents them being a hazard, stops vandals tampering with the bolts and reduces the amount of maintenance required.



High Density Polyethylene (HDPE) Panels

Durable and colourful plastic panels with a core colour that shows through when we engrave patterns, shapes and games, creating additional visual stimulus and increased play value.

The colours can be used to highlight steps, hand grips, entrances and exits, bringing these features to children's attention and enhancing safety.

This strong and durable material will not rot, delaminate, splinter or crack and is stain and graffiti resistant. It requires minimal maintenance and the colours will not fade in sunlight.

This material is 100% recyclable.

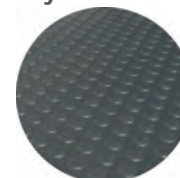
Single Colour Options



Dual-Colour Options



PolyDek Sheets



This is a strong recycled polyethylene board, laminated with a 3mm layer of thermoplastic rubber.

Rope

Our steel reinforced rope is made from a polypropylene centre, surrounded by 6 metal wire rods covered with Multifilament Polypropylene (MFP), providing a slightly softer feel.

Designed specifically for the playground and leisure environment in 16mm (5/8") and 18mm (3/4") diameters to meet with the British and European safety standards for playground equipment and a variety of colours to assist development of spatial awareness and promote inclusive play.

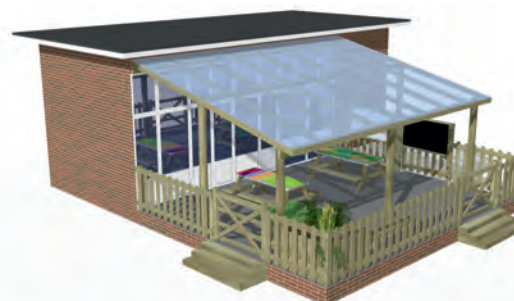


Polycarbonate Roofing

A roofing option that blocks virtually all UV radiation whilst allowing light through, preventing dark spaces underneath.

Completely waterproof when combined with guttering, this system can create usable spaces for outdoor learning and other forms of shelter all year round.

The translucent sheet material has good impact resistance, essential for use in areas which are close to ball games.



Timber Roofs and Sides



Schoolscapes prefer the appearance and sustainability of timber. We incorporate homegrown and Scandinavian timber as appropriate in various forms such as Shiplap, Featheredge and Loglap.

Roofs are lined with a waterproof membrane and will block all direct UV radiation.



Timber

No further treatment or maintenance is required as all timber is pressure treated to protect it against rot and the natural weathering process. Pressure treatment increases timber's fitness for purpose and protects against fungal decay and insect attack.

There is no arsenic used in this treatment which conforms to all current BS/EN Standards.



Timber Round Section

Machined rounded timber sections are pressure treated and use safe TanalithE for long service life. Poles are laminated for extra strength.

Timber is quality assured and features a sanded finish to reduce splintering and create surfaces which are smooth and warm to the touch.



Sail Shade Cloth

Knitted shade cloth specifically designed for tension structures. It has the ability to block 95% of the sun's direct UV rays, creating a safer outdoor environment that can be utilised for longer.

The knitted structure of the cloth allows the fabric to breathe, which means air can circulate through the fabric to create a substantially cooler environment beneath. With its unique lock-stitch construction it is dimensionally stable, fray and tear resistant and will not mould or mildew. The material is UV stable and these structures will withstand 110mph wind speed and 22kg/m² snow loading.



Tension Structure Fabric

Our waterproof structures use a 900gsm PVC fabric. The white fabric is supplied with a 10 year warranty and has an expected life-span of 30 years plus, while the coloured fabrics have a 5 year warranty and a life span of 12-15 years.

All of our PVC tension structures are designed to withstand a wind loading of 110mph and a snow loading of around 50kg/m².

