



Natural Sports

# Surfacing

## **Bonded Rubber Mulch**

Resin bound rubber mulch surfaces are formed using superior polyurethane resin to create a seamless, impact absorbent surface that will not wash away or suffer from displacement of loose particles.

100% recycled rubber mulch is a great alternative to traditional wood bark shreds and other loose fill materials for landscapes and playgrounds. It offers the natural look of a bark surface with all the benefits of a wet pour surface.

The huge advantage of rubber mulch is that it can be laid directly onto grass and without edging, making it a cost-effective safety surfacing solution. However, the durability and therefore lifespan of a rubber mulch surface does not equal that of wet pour.

Rubber mulch is metal free and is carefully graded to produce the ultimate shred size for exceptional bonding capabilities and to produce the most attractive, natural finish. It is easy to apply, just like traditional bark but has the added benefit of various colours that are great for landscaping or playground safety surfaces.

Tested to BS EN 1178 the innovative 'eco-base' system is certified for equipment up to 3 metres in height.

Colours are available in a range of natural tones (see below) specially created to blend with your environment. Any of the colours can be mixed together to create your own custom blend.

### **Features and Benefits**

- Great for parks and schools, including activity trails, playground and leisure areas. Many landscaping applications, around seating areas, pathways or as a decorative textured surfacing.
- The natural look without the mess and maintenance – the shredded recycled rubber emulates the look of natural bark; when used in a blend of colours, toning with use and the curing process; depicting a natural landscape, ideal for playgrounds and woodland areas.
- 100% recycled rubber shred – ecologically sensitive and helping reduce landfill and CO<sup>2</sup> emissions.
- Cost-effective preparation – in many cases minimal base preparation is required due to the free draining nature, in particular when combined with eco-base. (Consideration should be given to the levels and drainage capability of the existing ground and adjusted accordingly.)
- Flexible edge detail – in most cases there is no need for formal edging, simply taper the edge and secure under the surrounding natural turf or cut a channel in hard surfacing.
- Rubber mulch moulds to shapes and contours – on a firm and stable base it can be shaped for an enhanced play experience. (We advise not in high critical fall areas.)
- Excellent drainage properties – year round use.

### **Rubber Mulch Colour Palette**

RTC rubber mulch safety surfaces come in a variety of colours. Please note that the sample pictures are for reference only and that colours laid may vary due to batch variation, supplier variation and environmental factors.



Natural Mix



Green



Blue



Earthtone



Water Mix



Redwood

For further information including copies of certification please contact us on 01935 413 417

## GrassLok™ Safety Surfacing

GrassLok Safety Surfacing is a fire retardant and UV stable, interlocking grass mat. Its unique and innovative design means that unlike other types of matting it's made from recycled material.

GrassLok mats comply with all relevant British and European Standards BS EN 11925 for fire retardancy, BS EN 7188 for slip and fall resistance and BS EN 1177 for Critical Fall Heights.

It is manufactured here in the UK.

GrassLok tiles can be used individually or together to create the ultimate safety installation making areas a colourful, fun and safer place for children to play.

GrassLok can provide a Critical Fall Height (C.F.H.) of up to 3m. However, it should be noted that as with all products of this nature, the C.F.H. is dependant on site specific factors such as soil type, soil moisture levels and grass growth.

### Technical Specifications

Size	16mm	23mm
1m x 1m pre-assembled	4.4kg	5.6kg
1.5m x 1m pre-assembled	6.6kg	8.4kg

### Material

ECO:	Black Recycled PVC (90%). Shore A55
PREMIUM:	Coloured virgin PVC. Shore A55

### Environmentally Friendly

Manufactured from 90% recycled PVC and is 100% recyclable after use.

DDA Approved  
Helps comply with the Disability Discrimination Act.

Drainage (SUDS compliant)  
Free draining to provide a secure footing when wet.

UV Stability  
Manufactured from UV resistant material.

Thermal  
Fully functionable from -30°C to 60°C.

### Quality Testing

Critical Fall Height up to 3m (23mm)  
BS:EN: ISO 1177:2008

Slip Resistance  
BS:EN 7188:1998

Flame Retardent  
BS:EN: ISO 11925-2:2010

Ease of Ignition  
BS:EN 4790:1987

## **EPDM Wetpour**

EPDM wetpour is a multi-component polyurethane and rubber composite which is formed 'insitu' by a chemical mixing, wetpouring, levelling, screeding and rolling process. Our Suppliers use an EPDM rubber crumb combined with a polyurethane binder to create a long lasting and aesthetically pleasing surface.

EPDM (Ethylene Propylene Diene Modified) rubber granules form the wearing course of the surface. When used in the 2 layer system this wearing course is laid at a depth of 15mm. Rubber granules between 1mm and 4mm form a hard wearing, porous and slip resistant layer. EPDM granules are available in a variety of colours.

SBR (Styrene Butadiene Rubber) granules form the base layer of the surface and produce the absorbent properties of the system. 2mm – 6mm SBR granules are made from recycled truck tyres.

A polyurethane resin is used in varying quantities to bind the EPDM or SBR rubber granules together. All products are mixed on site and laid in-situ.

EPDM wetpour meets the British and European safety standards and come with a 5 year warranty.