



Dflect

Playground Tiles





Black
500 x 500mm



Green
500 x 500mm



Red
500 x 500mm



Grey
500 x 500mm



Chocolate
Brown
500 x 500mm

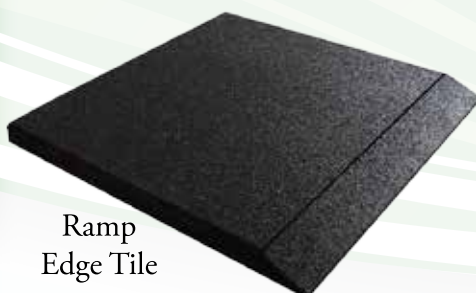


Golden
Brown
500 x 500mm

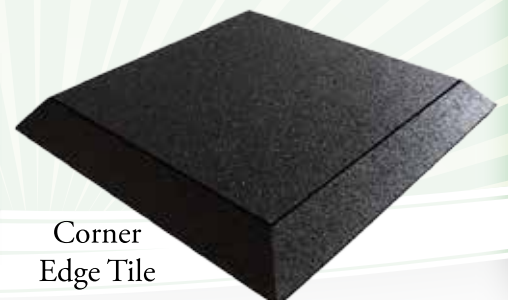
Our range of Dflect rubber tiles have been designed and manufactured to cushion falls as well as give a slip resistant surface finish. Dflect Rubber Tiles have channels on the underside to provide excellent drainage properties and impressive critical fall height results. Our Dflect rubber tiles are also a sustainable product as they are made from recycled rubber granulate.

All our playground tiles are tested in accordance with EN1176 & EN1177. Please refer to the table for exact results. Test certificates are also available on request.

Available in 400 x 400mm, 500mm x 500mm & 1000 x 1000mm. Colours include Black, Red, Green, Grey, Golden Brown and Chocolate Brown.



Ramp
Edge Tile



Corner
Edge Tile

We also offer a range of interlocking edge and corner tiles in the different colours. These are commonly used to eliminate trip hazards on entry to an area.



Black
1000 x 1000mm



Red
1000 x 1000mm



Green
1000 x 1000mm

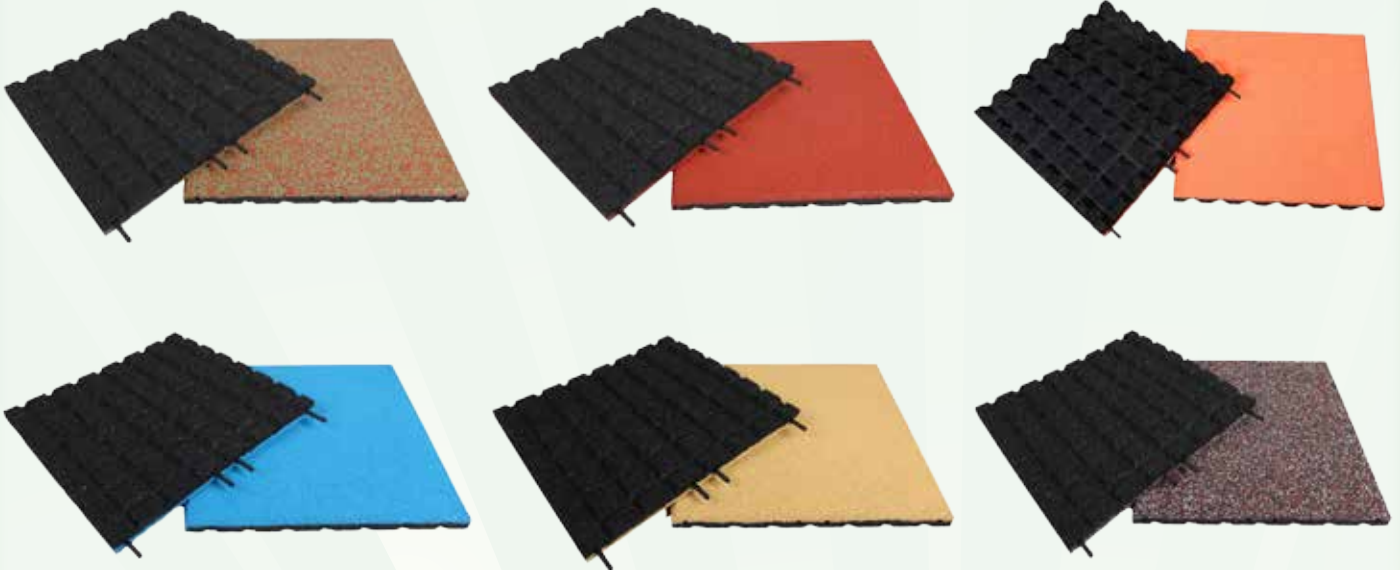


Grey
1000 x 1000mm

| Thickness | Fall Height | Weight |
|-----------|-------------|-------------------------|
| 25mm | 0.9m | 16.8kg/m ² |
| 30mm | 1.0m | 19.20kg/m ² |
| 40mm | 1.3m | 21.60kg/m ² |
| 45mm | 1.5m | 25.60kg/m ² |
| 50mm | 1.7m | 29.60kg/m ² |
| 65mm | 2.3m | 31.20kg/m ² |
| 100mm | 3.2m | 36.80 kg/m ² |

Dflect

EPDM



Dflect EPDM tiles are also available for playgrounds. These tiles are slightly different as they are made from EPDM rubber granulate only rather than recycled granulate. Furthermore, they are available in a wider variety of colours and some very unique effects can be created with EPDM tiles.

The EPDM tiles are more expensive than their recycled counterpart due to only EPDM granulate being used in the manufacture process. However, the tiles are also more UV stable than the recycled tiles.

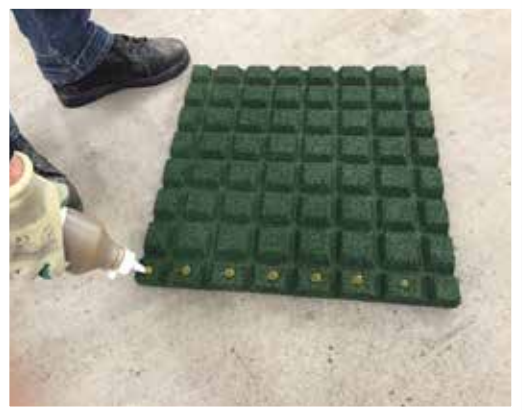
EPDM is an abbreviation of Ethylene Propylene Diene Monomer. Our EPDM tiles have a top layer as per your colour choice and the remainder of the tile will be EPDM rubber in black.

As EPDM tiles have little or no chance of carbon leaching, we recommend their use where young children will be crawling on the tiles.

PU Adhesive XP2435

Our XP2435 adhesive is specially formulated to adhere to almost any surface including concrete and timber.

The adhesive is commonly used when laying our non interlocking tiles and our interlocking tiles along open edges. This stops the movement of the tiles and also prevents wind uplift. Please note, if the tiles are against an edge at the sides the adhesive is not necessary as the edge shall act as the restraint when using interlocking tiles.



Softbox Formers



Softbox Coupled Wall Sections

Manufactured from recycled rubber granulate in 1000 x 300 x 150mm sections. These sections can be coupled together to form longer lengths or corners by means of a metal tube which is anchored in the ground.

Available in Black, Red and Green

Softbox Wall Block

Manufactured from recycled rubber granulate in 1000 x 300 x 150mm blocks.

The blocks are used in sunken sandpits where the surrounding pavement elements hold the assembly in place.

Available in Black, Red and Green



Softbox Palisades

Manufactured from recycled rubber granulate in 250 dia x 400mm or 600mm high columns.

These circular column sections with curved notches are fixed to the substrate by dowels on the underside and can be used to form curved and shaped walls and to link other elements in irregular shaped sandpits.

Available in Black, Red and Green

Softbox Liners

Softbox Edge Liner/ Ramp

Manufactured from recycled rubber granulate in 1000 x 400 x 150mm sections

The edge liner is fitted to the top edge of the sandpit wall and covers the edge but also has a sloping ramp profile at the outer edge to allow safe access to the sand pit.



Softbox Wall Liner

Manufactured from recycled rubber granulate in 1000 x 250 x 50mm sections.

Wall liners can be adhered to the lower wall sides and can be fitted to any depth by cutting or joining additional liners.

Numbered Playground Tiles

Customised playground tiles with numbers are also available in a range of colour combinations. These tiles are manufactured to order



GRASSFLEX



30mm Grassflex Interlocking Tiles



25mm Grassflex Non -Interlocking Tiles

Grassflex tiles are a combination of recycled rubber granulate and high quality natural effect artificial grass. The artificial grass is hydraulically pressed into the rubber granulate during the manufacturing process to provide a very secure bond.

Grassflex tiles allow for quick and easy installation of artificial grass in almost any area. As well as having a grass effect, these tiles are fully tested for fall height as per the European Standard. Test certification is available upon request.

When using the 30mm thick interlocking tiles they can be easily lifted in the future for access or maintenance issues.

As the recycled under layer is covered with artificial grass carbon leaching will not be a problem. The tiles are also porous allowing rainwater to drain through the tiles.



GRASSFLEX Play



Our Grassflex Play range is manufactured in the same way as the standard Grassflex tile but with a much brighter and vibrant choice of colours to make your playground look as exciting as possible.

Grassflex Play are available in 500 x 500 sizes from 25mm to 100mm thick.

Available in Black, Red, Green, Yellow, Blue and White.

As the recycled rubber underlayer is covered by the artificial grass carbon leaching will never be an issue.

Tested in accordance with EN1175 & EN1176. Test reports available upon request.





Samples

As photographs cannot always show the true colour and texture of our Dfect Rubber Tiles we are always happy to supply samples to ensure suitability.

If you would like some samples please contact us via phone or email to arrange delivery. Sample Tiles are sent via 24hr courier to keep delivery time to a minimum.

Samples are free of charge for UK Mainland for the first order.

SUPPLIED BY:

**Castle
Composites
Limited**

Visit our website for further information:

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