



RTC's safety surfaces are a multi-component polyurethane and rubber composite which is formed 'insitu' by a chemical mixing, wetpouring, levelling, screeding and rolling process. RTC uses an EPDM rubber crumb combined with a polyurethane binder to create a long lasting and aesthetically pleasing surface.

EPDM Rubber Granule

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 – please see our colour sample sheet for further details.

SBR Rubber Granule

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.

Polyurethane Resin Binder

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.

RTC's safety surfaces provide a hard wearing, porous and absorbent surface ideal for laying on playgrounds, golf courses, equestrian centres, swimming pools and gyms.

All surfaces meet British and European safety standards and come with a 5 year warranty.

For information on the required area size and depth of surface please see our datasheet – 'assessing the required thickness and area size'.

For information on the required sub-base and edging specification please see our datasheet – 'sub-base specification'