



Gaysha

Ayton Playsafe® impact absorbing safety surface



Playsafe® is a wet-pour rubber surfacing system specifically designed for safety surfacing and other applications where an impact absorbing surface is required.

The system has been fully tested and accredited to both BS 7188 and the European standard for impact-absorbing surfacing BS EN 1177, and is suitable for installation under play equipment with critical fall heights between 0.6m and 3.0m.

Playsafe® is a cost-effective and environmentally-friendly two layer system comprising Playsafe® top, a 15-20mm surface layer of coloured EPDM rubber crumb and Playsorb base, a 25-125mm base layer of recycled rubber shred, both bound together with a flexible resin.

The Playsafe® system provides a durable and seamless surface and is available in a wide range of colours, which can be used to create attractive surface finishes and bespoke designs.

Typical uses and applications

Playsafe® can be readily installed on both new and existing surfaces and can be opened for use typically within 24 hours of application. The surface is permeable, so helping to avoid standing water and has no joints, unlike tile systems.

Colours

Ayton Playsafe® is available in a wide range of standard colours including those shown here. Black, Jazz and blends of the colours to the right are also available as standard. Bespoke colours can also be supplied subject to rubber availability.

Features and benefits

Installation

- Cost effective
- Environmentally friendly

Typical applications

Playsafe® can be used in a wide range of safety surfacing and general paving applications where an impact-absorbing surface is required including:

- Playgrounds & play areas
- Stables
- Pedestrian areas
- Footpaths
- Driveways



Ayton Playsafe®

Ayton Playsafe® *impact absorbing safety surface*

Minimal maintenance
Endless colour options
Retains critical fall height properties



Playgrounds



Play areas



Pedestrian areas

Preparation

New construction: For critical fall heights above 0.6m Playsafe® can be laid directly onto a compacted stone (MOT Type 1) foundation layer of 100-300mm thickness without the need for a structural layer. For critical fall heights below 0.6m or where a basic rubber surfacing is required a porous structural sub-base is required, typically open-textured bitumen macadam to BS 4987 to 50mm compacted thickness or no fines concrete to 75mm thickness.

Existing Surfaces: Playsafe® can be laid onto existing blacktop or concrete surfaces provided the base is solid and in good condition with no cracking. Please note the finished surface will only drain freely if the existing base is porous and we recommend that adequate drainage is always provided where the base is impervious.

Edging: In general, Playsafe® should be retained by a suitable edging. Typically pre-cast concrete edging well haunched and bedded in concrete is recommended. Edgings should be set above the level of the base by the thickness of Playsafe® required as defined by the critical fall height.

Before every new commission our Survey Department will visit and prepare a pre-installation report and are available to offer advice and answer your questions throughout the process.

Installation

Following priming of the base, rubber and resin are mixed together in specified quantities in a forced action mixer. The mixed material is then raked out and compacted to the correct depth with a tamping bar/roller and hand floated as required to a smooth and even finish. Allow the Playsorb base layer to cure before application of Playsafe® top layer.

Quality Assurance

Ayton Playsafe® is certified to both the British Standard BS 7188: 1998 (RAPRA) and the European standard, BS EN 1177: 2008 for impact absorbing safety surfacing (The Centre for Sports Technology). Ayton Playsafe® is supplied within ISO 9001 quality, ISO14001 environmental and ISO18001 safety management system certified by LRQA.

Further Information

For free advice and support or to request our colour samples contact us on 01322 340350 or visit www.gayshasurfaces.co.uk

