

**POLYPLAY**



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From the **Polyurethane Systems House**



Polyurethane Systems built for

**SAFETY**











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## POLYPLAY

### Safety play surfaces built to inspire

All the colours of the rainbow are now available in the POLYPLAY system, allowing for design freedom total peace of mind through the highest standards of manufacture

MRI-Polytech are unique in the world of play, recreation, sports and leisure as we manufacture both the coloured EPDM granules as well as the binder.

We export globally and our customers have installed our products in every corner of the world.

Benefits to the child of the POLYPLAY system include:

- Shock absorbency
- Slip resistance
- Uniform and seamless
- Protection for critical fall height
- Minimise injury risk
- Creative design freedom
- Expert installation guidance

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EGG 20P



YC 20P



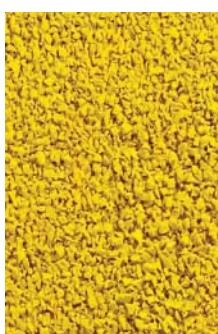
TIERRA 20P



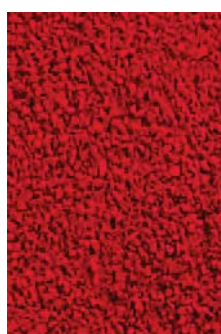
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OG 20P



YT 20P



PBR 20P



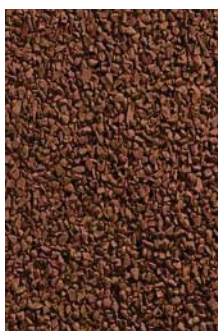
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BGE 20P



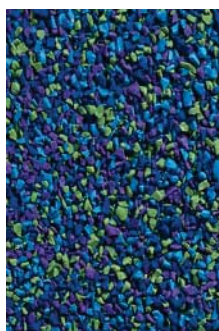
R 30S



BN 20P



GDY 20P



AGUA 20P



PL 20P



BSL 30S



BLL 20P



TEAL 20P



GLN 30S



GN 30S



GMY 20P



## Colours and shapes to stimulate young minds

POLYPLAY systems offer architects consultants and designers,  
cost effective solutions to creatively challenging safety play applications



A variety of colours, shapes and images on the playing surface is proven to stimulate young minds. There is added peace of mind in the knowledge that the surface is safe and any impacts and injuries will be reduced in their severity.

Any image, pattern or design can be created there really are no limitations as to what can be performed. Your imagination is the only barriers as to what can be generated by a skilled installation team.





# Exceeding the critical fall height standard

POLYPLAY safety play systems provide a high quality platform for all recreation and play applications

MRI-Polytech are an ISO 9001: 2008 company so you have the assurance that all products have been produced to the highest of British standards.

All surfaces should be installed to BS or DIN safety standards. Surfaces can be installed from 25mm to 110mm dependant on usage and equipment on site.



## Critical Fall Heights

As part of its commitment to excellence, MRI-Polytech commissioned a 'rapra' test to determine the Critical Fall Height HIC values of the range of playground safety surface systems.

## Mri Polytech *rapra* test results

CONCRETE	RESULTS
35mm sample	CFH obtained of 1.40m
45mm sample	CFH obtained of 1.48m
55mm sample	CFH obtained of 1.65m
65mm sample	CFH obtained of 1.77m
75mm sample	CFH obtained of 2.35m
90mm sample	CFH obtained of 2.79m
100mm sample	CFH obtained of 3.23m



To view the full *rapra* results and MRI data sheet please contact the MRI Polytech technical team on **01625 575737**

or visit **[www.mri-polytech.com](http://www.mri-polytech.com)**





Designed for:

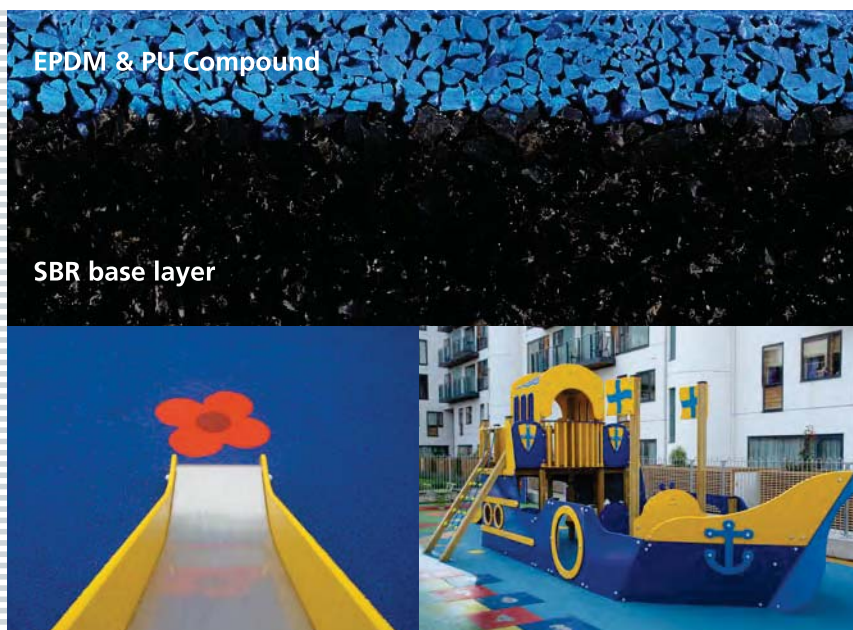
- Shock absorbency
- Optimum force reduction
- Slip resistance
- Uniform and seamless
- Protection for critical fall height
- Minimise injury risk
- Creative design freedom



## About POLYPLAY safety surface systems

As well as providing colourful and stimulating play areas, POLYPLAY safety surfaces are designed for challenging environments including wet applications where colour stability and grip are important factors, such as water parks and play pool surfaces and surrounds.

### Typical safety surface construction











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## Manufacturing Investment

POLYPLAY systems are manufactured exclusively at our purpose built facilities to ISO 9001:2008 standards. We have our own testing and development facilities, which allow our customers to benefit from a programme of continuous improvement.

To guarantee our polyurethane flexible flooring systems excel across a wide range of applications, we have developed 'state-of-the-art' manufacturing facilities to maintain product quality and integrity throughout the design, manufacturing and supply process.



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And our unique 'single source supply' for EPDM granules and polyurethane binding agents, means that we can take responsibility for every stage of production and delivery, a total commitment to quality and traceability throughout.

ISO 9001: 2008 ISO 14001: 2004



For more information on the POLYPLAY systems and to request a free installation guide and technical specification data sheet please call:

**+44 (0) 1625 575737**

or visit [www.mri-polytech.com](http://www.mri-polytech.com)





## MRi Polytech worldwide

From our modern manufacturing base in the UK, as well as distribution points globally, we supply flexible polyurethane systems to a global installed user base

We export globally and our customers have installed our products in every corner of the world. Projects ranging from swimming pool installations to IAAF standard running tracks.



For more information on MRi Polytech flexible flooring systems visit:

[www.mri-polytech.com](http://www.mri-polytech.com)

or call **+44 (0) 1625 575737** to talk to the experts.



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ISO 9001: 2008 ISO 14001: 2004

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