



www.playmatta.com

COLOURS

Play Matta™ is manufactured in a wide variety of colours that make it easy to design interesting and inviting play spaces, adding long lasting play value to your playground.

There are many layout possibilities using the Play Matta™ colour palette. Create an original surface design with your own combination of colours or base your playground on one of the existing Play Matta™ templates.

The modular design of Play Matta™ and variety of colours available help you create an environment that encourages child initiated play. Play Matta™ layouts can include circuits, meandering trails around play equipment, or use contrasting mats scattered over the play surface to act as 'bases' or 'safe areas' when children play chasing games. More formal games like hopscotch and four square can also be included in designs.

While colour and layout options will provide a multitude of opportunities for children's fun and games, the main contribution Play Matta™ makes to the play value of any space is to allow children to explore their abilities on the safest playground surfacing available.



Some examples of surfaces with creative use of Play Matta™ colour combinations:
1. Play Matta™ custom design (including hopscotch). 2. Play Matta™ Chessboard. 3. Play Matta™ Three Tone Diagonal. 4. Play Matta™ Scatter.

The range of Play Matta™ colours available has been influenced by our focus on product consistency and our commitment to recycling. Play Matta™ mats and the underlying shock pads are manufactured from recycled feed stock and can be recycled in their turn.

THREE RANGES OF COLOURS

Play Matta™ is produced as a selection of Standard Colours, Light Colours and Bright Colours.

Continuing improvement in our production technology and improved recycling systems means we can now make all Play Matta™ colours from recycled materials. Our Standard Colours are the least costly to produce and therefore are the lowest priced. They are also the most fade resistant. Technical complexity and the additional processing required to achieve Light Colours and Bright Colours means a price premium applies to these ranges. Our goals are to remain environmentally responsible (using only recycled feed stock), and to help our customers design cost-effective, attractive playgrounds. **Therefore we offer the Light Colours at the same price as the Standard Colours where the Light Colours will comprise 10% or less of the total number of mats required.** For playgrounds using more than 10% Light Coloured mats, the higher price will apply. Visit our website to see some of the imaginative designs our customers have created with Play Matta™.

USING BRIGHT AND LIGHT COLOURS EFFECTIVELY

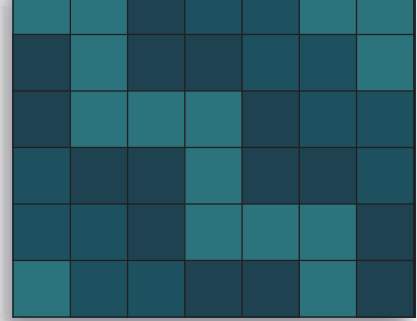
We recommend using Play Matta™ Standard Colours as the main part of a playground surface and, if necessary, using a smaller proportion of Light Colours for contrast. Play Matta™ Bright Colours are designed to be used sparingly – only as a feature or accent in a layout.

There are several reasons we encourage customers to limit the use of Play Matta™ Light Colour and especially Bright Colour tiles:

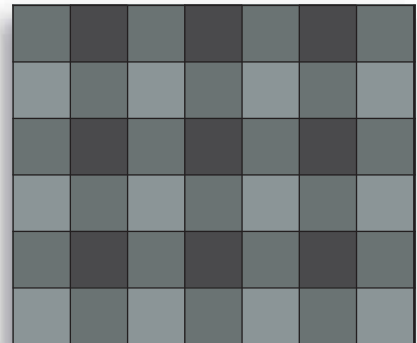
- Cost-effectiveness: Standard Colours are the lowest priced group.
- Minimisation of fading: Extreme UV exposure can affect Bright Colours.
- Visual appeal: playground equipment is often brightly coloured and is better complemented by the more 'neutral' tones of our Standard Colour range.
- Play Matta™ Standard Colours are also less obtrusive within an outdoor environmental setting, echoing the colours of sky, clouds and plant life.

DESIGN SUGGESTIONS

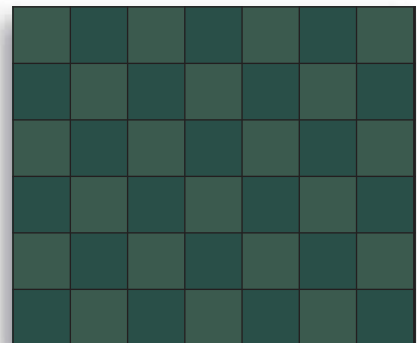
Play Matta™ has a selection of playground layout patterns which are available for you to use either directly or as inspiration for your own design. We feature some ideas here but aim to continually update our resources so please ask your Play Matta™ representative for more information.



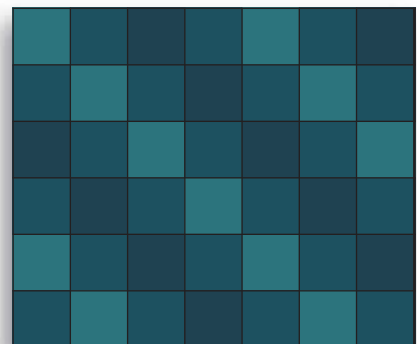
Play Matta™ Zig Zag



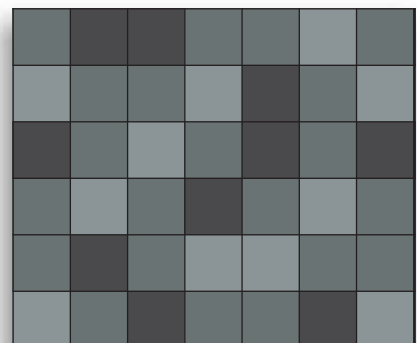
Play Matta™ Three Tone Check



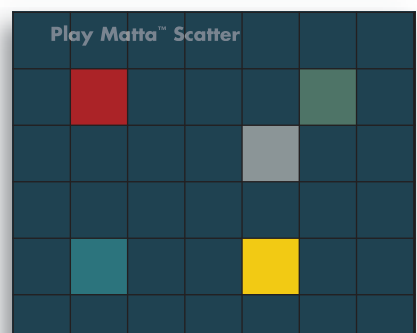
Play Matta™ Chessboard



Play Matta™ Three Tone Diagonal



Play Matta™ Random



Play Matta™ Scatter



Play Matta™ is proudly engineered to deliver unsurpassed safety performance and durability. The same pride goes into our colour production standards which are set to deliver product colours of the highest possible consistency.

PUTTING IT TO THE TEST

Our ISO quality controls – including **CIELab** colour testing – ensure Play Matta™ colour standards are maintained as accurately as possible and meet specified tolerance levels. Because we use recycled materials in the manufacture of Play Matta™ there can be variations in the colour consistency of our productions runs. The recycled materials themselves contain constantly varying levels of pigments, depending on the original source, and therefore no two batches of Play Matta™ are ever chemically identical.

Our maximum **CIELab deltaE standard** (see box below) means that under a controlled lighting environment, batches will be optically difficult to distinguish. It does not mean it will be impossible to see variances, and natural lighting conditions will make the differences more noticeable.

The tolerance levels we have set are tough but achievable and provide a high level of product colour consistency and reliability. Bright and Light colours are the most challenging to manufacture and in most instances product will be supplied from only one batch to maximise consistency. However we cannot guarantee that Bright and Light colours will be within the normal deltaE tolerances.

INTERNATIONAL COLOUR STANDARDS

CIELab is a colour measurement system specified by the International Commission on Illumination. It describes a colour using three coordinates representing the lightness of the colour (L), its position between red and green (a) and its position between yellow and blue (b). As this model is three-dimensional, it can only be represented properly in a three-dimensional space. For colour matching, the L, a and b readings from the sample are compared against that of a defined standard, through a mathematical formula to give an overall score, or deltaE. Play Matta™ Standard colours are manufactured to a deltaE of ± 1 ; the colours of all production runs are sampled and must conform to the standards specified before each batch is signed off for further processing. In the case of Bright and Light colours the tolerances are sometimes greater than ± 1 .

FREQUENTLY ASKED QUESTIONS ABOUT PLAY MATTA™ COLOURS

Will the colours fade?

Fading is difficult to control in outdoor playgrounds exposed to very intense UV bombardment. Like the surrounding environment – including asphalt, paint, timber, playground equipment and any rubber surfaces – Play Matta™ will exhibit some fading over time. We recommend our Standard Colour range for outdoor playgrounds because these colours have proved to be particularly resistant to fading. A few tiles from the Bright Colour or Light Colour ranges can be effective as accent colours.

How do you clean tiles?

Dirt and grime can be cleaned off Play Matta™ surfaces of any colour by power washing (recommended pressure 2000 p.s.i.) or scrubbing with a stiff broom and bucket of water containing industrial strength floor cleaner (see our Playground Maintenance Programme).

Does the colour affect how hot the tiles get?

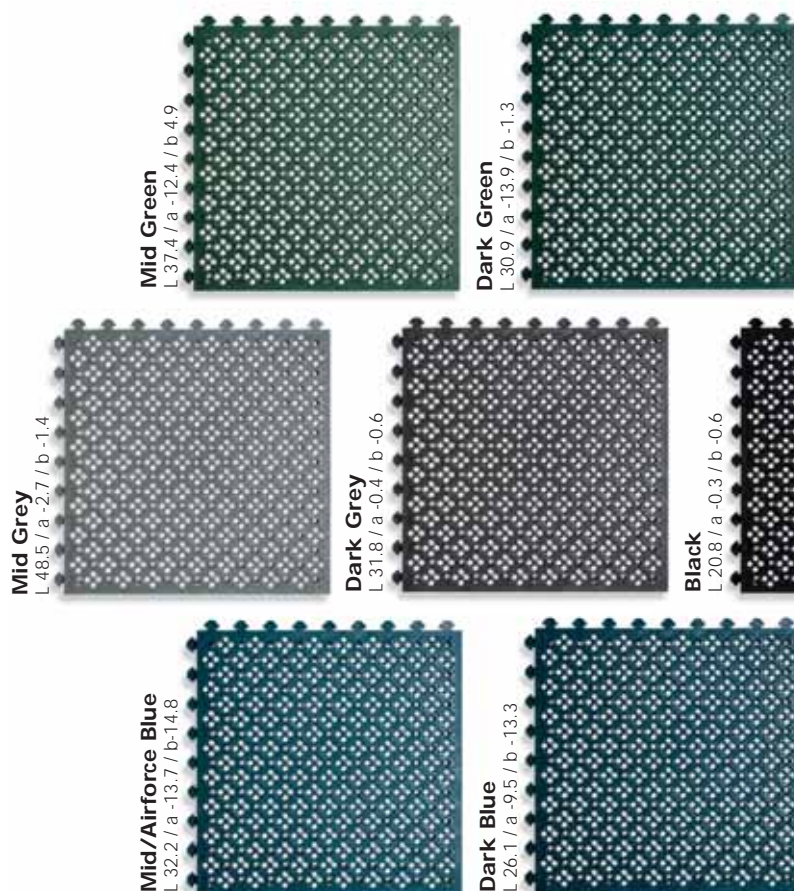
Tests show only a slight difference, but certainly darker colours can get hotter. In environments subjected to intense UV radiation we strongly recommend playgrounds have adequate shading installed – providing this protection for children will also prevent any issues with hot equipment and surfaces (see our Play Matta™ Heat Management Product Information File).

PLAY MATTA™ COLOUR SELECTION

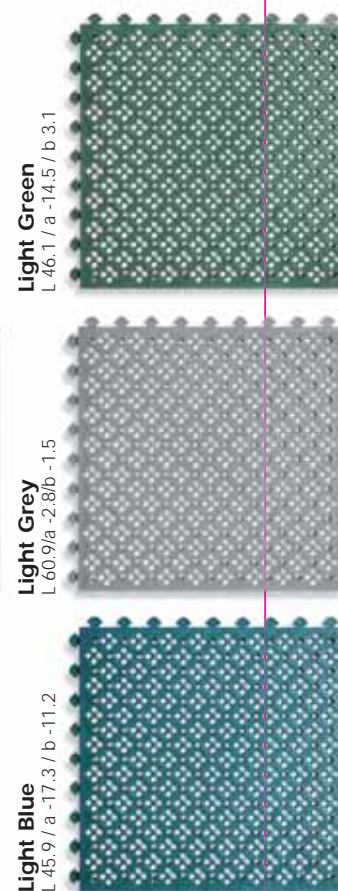
Important note

Bright colours incur a price surcharge. Light colours will incur a surcharge if they comprise more than 10% of the total area.

STANDARD COLOUR RANGE



LIGHT COLOUR RANGE



BRIGHT COLOUR RANGE



Because the appearance of colours can be affected by the sampling and viewing methods – such as in print or on screen – this chart is an approximation only, for comparisons between colours. Your Play Matta™ representative may be able to supply you with mat samples for definitive colours.