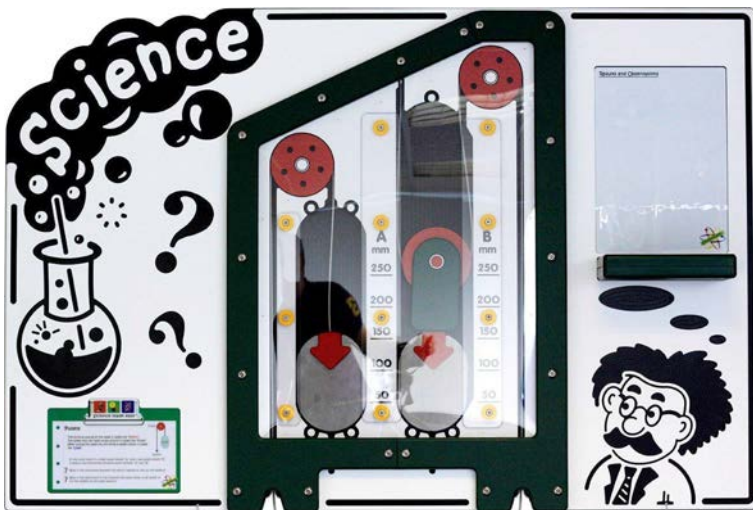


We have a wide variety of different panels and other playground and educational equipment, in this book you can find out what we have to offer and everything you need to do to make your ideas come to life.

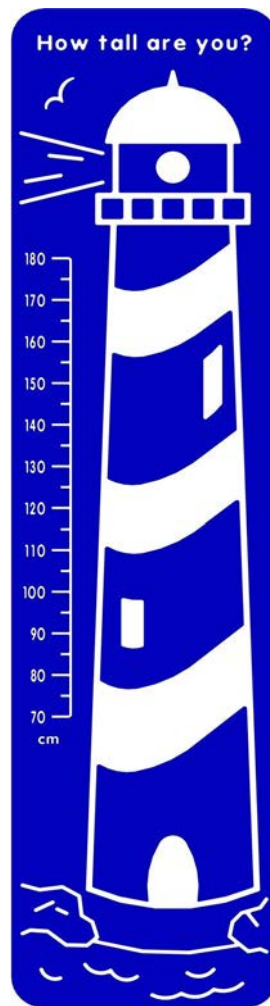
In the following pages you will see what exciting new resources are now at your disposal, such as:



Science panels



Moving part panels



How tall are you? panels

Music panels



And so many more - each page will be a new category of panel explaining what they do and what options are available.

Science Panels

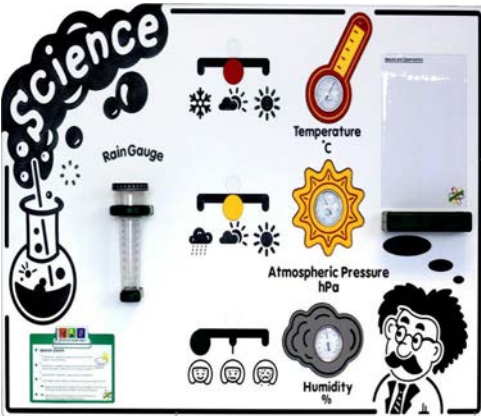
All Scientific Play Panels are designed with safety as the number one priority, so children can explore while they are playing and learn about simple science in complete safety.



The Scientific Colours Play Panel is a simple fun panel with the original set of Red, Yellow and Blue primary colours which are located in the back of the panel while another set are located in a rotating disc in front of them allowing the children to overlay each of the colours to see what new colours can be created.

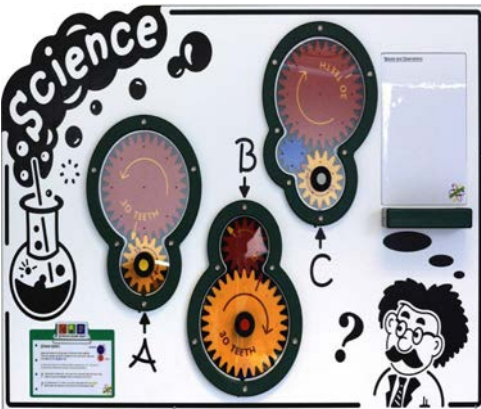
The rotating action of the colour wheel has been worked on so that it has a smooth, easy spinning action and the coloured windows are shatterproof polycarbonate. The panel also features a printed insert panel with experiment ideas and a Results and Observations dry wipe board insert to record the data on.

Details: Red, Yellow and Blue colour mixing disc, New smooth rotating, stainless steel bearing action, Polycarbonate coloured window panels, Printed insert with experiment ideas, Results and Observations dry wipe board insert
Large 1200 x 800mm panel format, Can be wall or post mounted it also comes in a number of colours



The Scientific Weather Station play panel is the ideal panel for the children to monitor the local weather over a short, medium or long term. The panel has 3 professional, easy to read weather dials and a rain gauge collector, it also has a printed information panel, an A4 sized Results and Observations, dry wipe board insert to write down data and sliding discs to record the general weather conditions at that time. should be treated like most scientific instruments - with care.

Details: Thermometer, Hygrometer and Barometer instrument dials, Rain gauge collector, Sliding conditions recorders, Printed insert ideas panel, Results and Observations dry wipe board insert, Large 1200 x 800mm panel format, Can be wall or post mounted it also comes in a number of colours.



The Scientific Gears Play Panel features 3 sets of gears including high and low ratio gears and the addition of a small idler gear on the third set. The gears themselves have been reengineered to mesh more smoothly and they also run on stainless steel sealed bearings, so the action is very nice.

There is an information panel which gives the children some experiments to think about and a Results and Observations dry wipe board insert to record the data.

Details: High, low and idler gear ratios, New smooth rotating stainless steel Bearings, Polycarbonate protective windows, Printed insert with experiment ideas Results and Observations dry wipe board insert, Large 1200 x 800mm panel Format, Can be wall or post mounted it also comes in a number of colours.



The Scientific Pulleys play panel features 2 identical weights (the load) which are connected to a stainless steel wire rope via two different pulley types. One is a straight up and over single pulley which offers no mechanical advantage and the other features a second pulley wheel which does. The idea is for the children to experiment with the two different systems and record the differences between the two systems. There is an information panel which gives the children some experiments to think about and a Results and Observations dry wipe board insert to record the data.

Details: Single and two pulley systems, New smooth rotating stainless steel bearings, Polycarbonate protective windows, Printed insert with experiment ideas, Results and Observations dry wipe board insert, Large 1200 x 800mm panel format, Can be wall or post mounted it also comes in a number of colours.

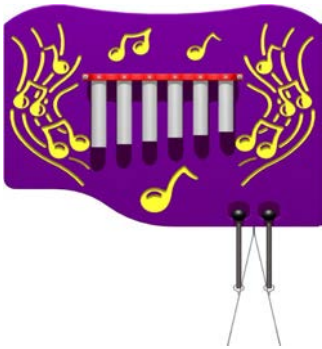
Musical Panels

There is a wide range of high quality play panels with musically tuned instrument inserts that are arguably the best musical instrument play panels on the market today, these musical panels and products are not to be confused with those from other manufacturers that just make a noise! Also available in matching colours as standard, all the Form CI musical panels can also be specified and manufactured in your own colour options, with your own graphics, in panel shapes and sizes to suit your own range or scheme.



Product Features (Big Bore Boom Tubes Musical Play Panel)

This panel includes: 4 musically tuned large bore stainless steel tubes, 1 x foam paddle beater attached via a stainless steel wire rope and Designed for children playing in controlled environments. This panel is available in many different HDPE sheet types including: Densetec Design Panel, Densetec XD and Densetec PCR



Product Features (Clam Chimes Musical Play Panel)

This panel includes: 6x musically tuned aluminium clam chimes, 2x beaters attached with stainless steel cord, Standard 595x800mm HDPE panel size for easy integration with Fahr standard panel designs, Economically priced and Designed for children playing in controlled environments. This panel is available in many different HDPE sheet types including: Densetec Design Panel, Densetec XD and Densetec PCR

The addition of electronic sounds to play panels adds another dimension and interaction between the user and the panel itself. Adding the extra complexity of electronics is nothing to worry about though because all the components used are commercial grade and have been designed specifically for this application. The whole system has been carefully designed and manufactured, and has now been out in the field for over 2 years with little or no reported problems apart from inevitable battery replacements, which have a life of up to a year depending on how popular the panel is.



Product Features (Musical Touch Drums Panel)

Ride Cymbal, Crash Cymbal, Hi-hat Cymbal, 2x Toms, Floor Tom, Bass Drum and Snare Drum, Stainless steel touch-sensor activation, Ultra-reliable, water resistant commercial grade electronics, 3 year electronics guarantee, Panel Profile Options, Standard curved "Musical" style panel without holes and Custom profile to your specifications. Panel Size Options: 800 x 800mm (standard), 800 x 1200mm and Custom sizes and sheet thickness to your specification



Product Features (Musical Touch Piano Panel)

This panel has 8 touch sensors with the following sounds: 8 Piano Notes C-C

This musical play panel includes: Stainless steel touch-sensor activation, Ultra-reliable commercial grade electronics, Water-proof marine grade, speaker, Tough, steel, water-resistant enclosure for electronics, Un-pluggable components for easy maintenance, Long-life and easy to change batteries



Product Features (Ally Flat Bar Glockenspiel Musical Play Panel)

This panel includes: 8x musically tuned aluminium flat chimes, 2x beaters attached with stainless steel cord and Designed for children playing in controlled environments.

This panel is available in many different HDPE sheet types including: Densetec Design Panel, Densetec XD and Densetec PCR



Product Features (Bongos Musical Play Panel)

This panel includes: 3 x different size and sound bongos, Attached to the panel at an angle for easy playing, Virtually unbreakable and shatterproof.

This panel is available in many different HDPE sheet types including: Densetec Design Panel, Densetec XD and Densetec PCR



Product Features (Musical Tongue Drum Panel)

This musical play panel includes: A musically tuned stainless steel tongue drum, 1x beater attached with stainless steel cord, Standard 595x800mm HDPE panel size for easy integration with Fahr standard panel designs, Economically priced and Designed for children playing in controlled environments.

Please note this instrument can be played by hand and supplied without a beater.

This panel is available in many different HDPE sheet types including: Densetec Design Panel, Densetec XD and Densetec PCR

Mirrored Panels

All mirrors and mirror inserts in our Mirrors & Domes Play Panels use polycarbonate mirror sheet which is virtually unbreakable, and will definitely NOT shatter and become unsafe in the playground environment. Mirror & Domes play panels give hours of fun and activity in the playground or play space.



Most of the larger mirrors are secured to the main panel using an HDPE frame, which allows for different expansion rates and makes sure that the mirror panel stays securely attached to the panel.

Product Features (Wobbly Mirror Play Panel)

This panel includes: Unbreakable polycarbonate mirror insert, Bolted mirror frame, Wide selection of colours, sizes and shapes.

This panel is available in many different HDPE sheet types including: Densetec Design Panel, Densetec XD and Densetec PCR



Product Features (Showtime Mirror Play Panel)

This panel includes: Unbreakable polycarbonate mirror insert, Bolted mirror frame, Wide selection of colours, sizes and shapes.

This panel is available in many different HDPE sheet types including: Densetec Design Panel, Densetec XD and Densetec PCR



Product Features (Driving with Mirrors Play Panel)

This panel includes: Moving steering wheel, Unbreakable polycarbonate side and rear view mirrors, Mirror frames, Moving steering wheel, Wide selection of colours, sizes and shapes.

This panel is available in many different HDPE sheet types including: Densetec Design Panel, Densetec XD and Densetec PCR



Product Features (Starlight Mirror Play Panel)

This panel includes: Unbreakable polycarbonate mirror insert, Bolted mirror frame, Wide selection of colours, sizes and shapes.

This panel is available in many different HDPE sheet types including: Densetec Design Panel, Densetec XD and Densetec PCR

HOW TALL PANELS

These large, colourful and fun "How tall are you?" panels are available in 12.5mm thickness panels for wall mounting or in 19mm thickness for attaching to posts.

This panel is available in many different HDPE sheet types including: Densetec Design Panel, Densetec XD and Densetec PCR

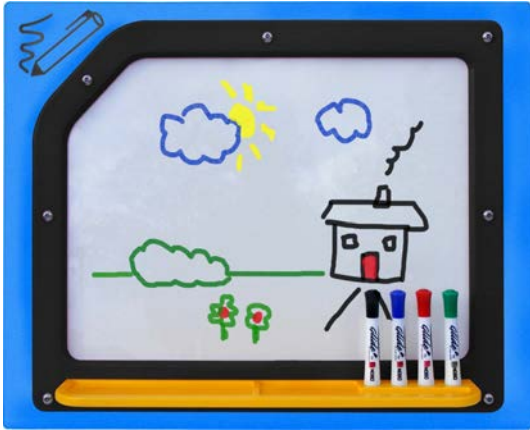


For more information on the music panels E-mail us at form.ci.ltd@hotmail.co.uk

Arts + Crafts Panels

Arts and Crafts Play Panels have been created for children to have fun painting and drawing on, whether their selected medium is paint, chalk or dry wipe marker pens. Each play panel is wipe clean and comes with paints and/or chalks.

With ALL panels, you can specify your own panel size, profile shape and preferred colour/s.



Product Features (Dry Wipe Station XD Play Panel)

Panel includes: Exterior grade dry wipe panel insert, Artists shelf with pen holders, 4 x dry wipe marker pens in different colours, 1 x cloth/duster, and a wide selection of colours



Product Features (Paint Station Play Panel 1200x2400mm)

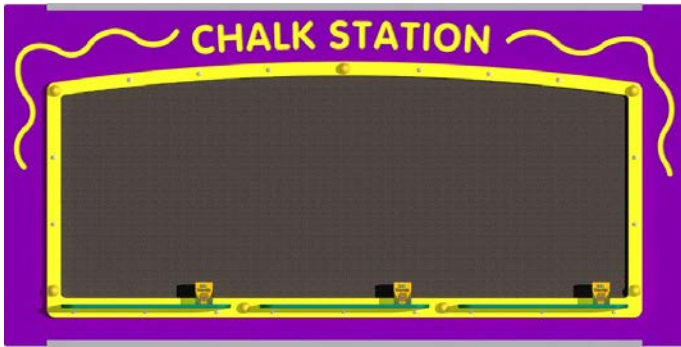
Panel includes: Extra large, shatter proof polycarbonate painting window, 3x Artist's shelves with paint pot and brush holders, Red, yellow and blue poster paints, 9 x brushes and paint pots, Wide selection of colours and 2400mm wide x 1200mm high overall size

Fahr has designed a completely new and affordable Arts Centre which combines 3 Art Stations of your choice into one ready to go product. You can mix and match between the Paint, Chalk and Dry-Wipe Stations or have them all the same on each centre. Utilising thermo-formed panels to construct the Centre, the product looks fabulous and is sturdy enough to be left freestanding in the playground, or if you are worried about the attention of neighbouring towns wanting their own Arts Centre, you could simply anchor it to the playground.



Product Features (Arts Centre)

Panel includes: Thermo-formed construction, Chalk Station with shelf/rest and chalks, Paint Station with shelf/rest, pots, brushes and paints, Dry-Wipe Station with shelf/rest and pens, Freestanding unit, Ground anchors available, Other configurations available, Approx Dimensions, Diameter 1150mm and Height 1220mm.



Product Features (Chalk Station Play Panel x2400mm)

Panel includes: 3x Chalk rests/shelves, Extra large exterior grade polymer chalk board insert, 3x packs of soft chalks, Wide selection of colours and 2400mm wide x 1200mm high overall size.



Product Features (Paint Station XD Play Panel)

This panel includes: Shatter proof polycarbonate painting window, Artist's shelf with paint pot and brush holders, Red, yellow and blue poster paints, 3 x brushes and paint pots and Wide selection of colours.



Product Features (Chalk Station XD Play Panel)

Panel includes: Extra wide chalk rest/shelf, Exterior grade polymer chalk board insert and Pack of soft chalks

PLAYTRONIC PANELS

Product Description (Fairground Sideshow Reactions Game)

The Fairground Sideshow game it is easy to follow, easy to play, VERY addictive and has generated a lot of competitive amongst the Fahr staff, trying to beat each other's best scores.

The game features a narrated introduction and countdown to start the game, the LED's light up and flash in a random sequence and when you touch the stainless steel sensors the light goes out, the unit plays a sound (quack, tin can, glass smashing or target noise) and you score a point which registers on the 2 digit LED scoreboard. Each game lasts around 40 seconds.

Product Features:

- LED illuminated stainless steel sensors
- 2-digit LED score readout
- Electronic narrated welcome and instructions
- Fun sounds to accompany correct hits
- Rechargeable battery pack with long run time
- Water-resistant electronics suitable for outdoor use
- Bespoke games and designs to order
- Mains power with transformer option available

Panel Colour Options Available:

- Red/Yellow 19mm
- Blue/Yellow 19mm
- Green/Beige 19mm
- Custom colours to your specification

Product Order Codes:

- 19mm Panel in Black/White with multi-coloured plant-ons
- FIRGFAIR2 - 1000 x 1200mm

Panel Size Options:

Custom sizes to your specification

Panel Profile Options:

Custom panel profile shapes to your specifications

IMPORTANT: you must specify the colour option you require at the time of order if it is different from the standard colour listed with the order code (above), otherwise you will receive the standard colour.

Please Note: All customer's requirements are subject to availability at the time of order

Educational Information: *The Shooting Gallery game will help develop hand eye coordination, reactions, senses and minor physical ability in children as part of Key Stage development*



For more information on the music panels E-mail us at form.ci.ltd@hotmail.co.uk

Product Description (SolarSynthesis Panel)

The SolarSynthesis panel has been designed to power all the standard PlayTronic (and some music) sound panels in this booklet, converting them from pure battery power to solar powered.

Each unit has high capacity li-ion rechargeable battery, which is protected from both over-charging and full discharge with special circuitry. Fahr can supply the SolarSynthesis panel with a single solar panel insert for areas that have good levels of sunshine or where the unit is not going to be in constant use, or a double solar panel insert which would continue to charge the batteries in overcast conditions and would keep the batteries charged up in a high use environment.

Please note: we do not supply posts with this unit

Product Features:

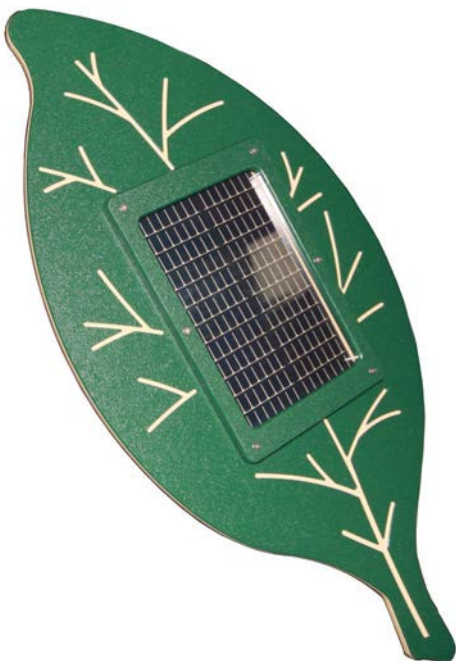
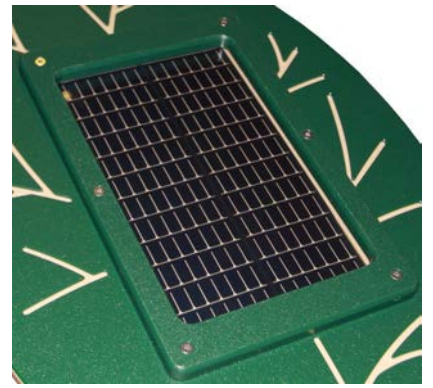
- UV stable, exterior grade solar panel
- Polycarbonate protection panel
- Li-ion battery pack
- Battery protection circuitry
- Single and double solar panel units available to suit most conditions
- HDPE custom housing carrier
-

Panel Options:

- Single or double leaf (depending on number of solar panels)
- Bespoke designs available to order
-

Main Panel Colour Options:

- Green/Beige 12.5mm
- Custom colours to your specification
- Please specify your options at the time of order
- All customers requirements are subject to availability at the time of order
- Please Note: this unit is not supplied with posts



For more information on the music panels E-mail us at form.ci.ltd@hotmail.co.uk

The addition of electronic sounds to panels adds another dimension and interaction between the user and the panel itself. Adding the extra complexity of electronics is nothing to worry about though because all the components used are commercial grade and have been designed specifically for this application. The whole system has been carefully designed and manufactured by Fahr, and has now been out in the field for over 2 years with little or no reported problems apart from inevitable battery replacements, which have a life of up to a year depending on how popular the panel is.

All Fahr PlayTronic panels include touch sensitive activation switches with no moving parts, water-proof speaker, sealed circuitry and battery compartment with easy to change long life batteries. All the electronic parts have been designed to fit in a durable steel, water resistant case with security screws to prevent unauthorized tampering. All the main components can be unplugged and swapped-out if there is ever a failure, making maintenance relatively cheap and easy to carry out.

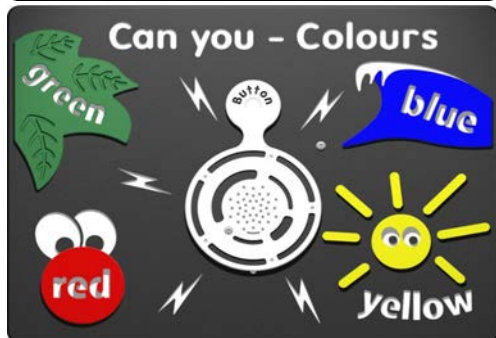
These panels includes:

- Touch-sensor activation
- Ultra-reliable commercial grade electronics
- Water-proof marine grade speaker
- Tough, steel, water-resistant enclosure for electronics
- Unpluggable components for easy maintenance
- Long-life, easy to change batteries
- Single button, random sequence electronic sounds



This panel has a random sequence of questions asking you to do things that would help towards your fitness, including:

- Can you jump up and down?
- Can you run on the spot?
- Can you stamp your feet?



This panel has a random sequence of colour questions, including:

- Can you point to something red?
- Can you point to something yellow?
- Can you point to something blue?



This panel has a random sequence of questions asking you to make noises like something, including:

- Can you make a noise like a cat?
- Can you make a noise like a dog?
- Can you make a noise like a chicken?



This panel has a random sequence of questions asking you show actions including:

- Show me how to comb your hair
- Show me how to brush your teeth
- Show me how to wave your hand

For more information on the music panels E-mail us at form.ci.ltd@hotmail.co.uk

Product Description (Solar Powered Stopwatch Panel)

The Solar Powered Stopwatch Panel has been designed because of many requests from Fahr customers. The Stopwatch features a high quality and durable solar panel, which unlike some solar panels out there are not glass and are completely UV stable (not all solar panels are!)

The Stopwatch can also be supplied as a panel insert, so our customers can take the centre part only and add it to their own panels.

The Stopwatch makes it an ideal addition to the sports field and for use with popular fitness trails and there is the opportunity to add sponsorship and branding to the panel design.

Product Features:

- Large 100mm 4-Digit LCD display
- Solar powered
- Simple "Start", "Stop" and "Reset" sensors
- Bespoke designs and personalisation designs to order

Other Panel Colour Options Available

- Red/Yellow 19mm
 - Blue/Yellow 19mm
 - Green/Beige 19mm
- Custom colours to your specification

Product Order Codes

19mm Panel in Yellow/Black with Black/White plant-ons

- FISTOPWATCH6 - 595 x 800mm
- FISTOPWATCH3 - 800 x 800mm

Panel Size Options

Custom sizes to your specification

Panel Profile Options

Custom panel profile shapes to your specifications

IMPORTANT: you must specify the colour option you require at the time of order if it is different from the standard colour listed with the order code (above), otherwise you will receive the standard colour.

Please Note: All customer's requirements are subject to availability at the time of order

Educational Information: *The Stopwatch Panel will help develop hand eye coordination, numeracy skills, fitness when used as part of a fitness activity for children as part of Key Stage development.*



WALL TARGETS

Made from 19mm thick co-extruded HDPE our basketball backboards have the lines and graphics permanently engraved into each board to our customers requirements. Promote your company by adding your logo and even safety notes can be added to the panel to comply with current regulations. Basketball backboards are traditionally manufactured in White/Black, but we have a large range of other colour combinations available that you can add some style to your product. Wall Targets are also engraved 2-colour HDPE, so they will easily withstand the punishment that the children can throw (or kick) at them

There are many different shapes, sizes and styles of wall targets available and we can manufacture them for you.



Product Features (Wall Target - Small) :

- 800mm dia wall target
- Virtually unbreakable

This panel is available in many different HDPE sheet types including:

- Densetec Design Panel
- Densetec XD
- Densetec PCR



Product Features (Wall Target - Large) :

- 1200mm dia wall target
- Virtually unbreakable

This panel is available in many different HDPE sheet types including:

- Densetec Design Panel
- Densetec XD
- Densetec PCR



Product Features (Wall Target Ring Sets) :

- Set of 5 wall target rings
- Random/mixed colours and scores
- Shatterproof

Also available to buy single ring targets.



For more information on the music panels E-mail us at form.ci.ltd@hotmail.co.uk

For more information on the panels shown in this booklet E-mail us or call and we will help you in any way we can,

If you want to order something or get a quote just let us know what panel you want and what size and colour and we will get back to you with a price and what we are able to do note: it would help if you tell us what you plan to do with the panel E.G. Where your putting it this way we know if the shape will work and how we can fit it.

All panels in this booklet can be wall mounted all stand alone.

Standard Stock Colour Options

The following colour options are normally available from stock in the thickness indicated.

STANDARD 2 COLOURS



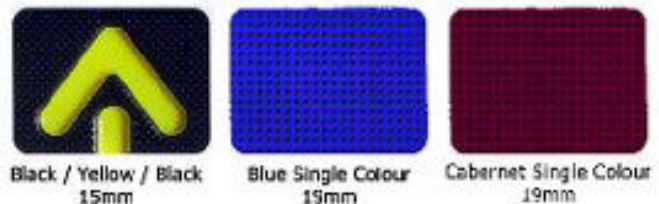
STANDARD SINGLE COLOURS



STANDARD POLYDEK



DENSETEC GRIP



Thank you for giving us the time to show you some of our panels and we hope to hear from you soon, don't forget to check out the other booklets and see what else we at FORM C.I can do for you.

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