



HARDSCAPE
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EDUCATIONAL PLAYTIME



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Educational playtime

Hide and seek, football, playing in the street are just natural things to every child's playtime. Playing outside is something children just do without even thinking. In their own street, on the way to school, in the park and playgrounds, children require, even demand, that they can play outside safely and independently, all helping to increase the quality of their lives towards a balanced upbringing and social development.

A typical local street or avenue occupies a special place for us all who wish for a safe and secure environment for our children to play. The value of having your children play safely, within close range and making positive connections with other children in the area all adds to promote good neighbourly behaviour and above all, happy children!



Playtime on flags



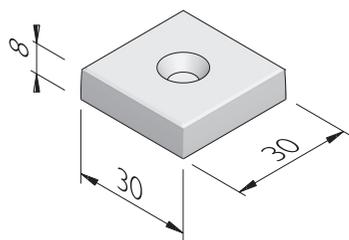


Children ideally like to play outside the house, on the street, in parks and when in school, their school playgrounds. Pavements are often included as part of playtime. Popular street games such as football, hopscotch and even marbles remain attractive games where children have lots of fun with their friends.

Marble play flag

Dimension 300 x 300 x 80 mm

Colours black, grey, green, yellow, blue, red and white

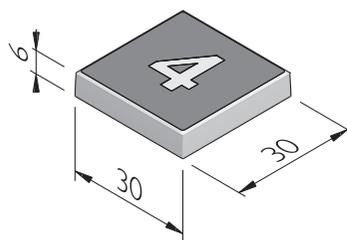


As a leading current supplier to schools and local authorities of Kellen paving, Hardscape are offering a new educational playtime range of bespoke concrete elements available in different colours.

Hop, sett and jump flag

Dimension 300 x 300 x 60 mm

Colours black/white, red/white





Playtime with water



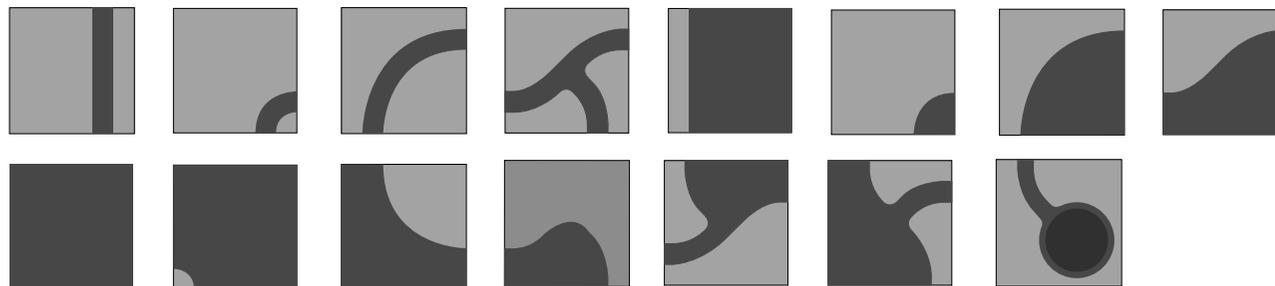
The water flags combine play with rainwater, suggesting streams, ponds and promoting fun and splashing around. Totally interactive playtime with the natural elements endorsed by the Dutch Delta Environment that can transform standard areas of a playground into imaginary rivers.



WATER FLAGS - DESIGNED BY KATHELIJN THE BOOIJ

After a typical rainfall the flags fill with water to depict mini lakes and streams. These flowing gullies and ponds of rainwater form a natural motivational play area where children can jump into, make little dams and sail their toy boats. By placing these flags near a rainwater barrel with a tap, under supervision, children can play on a sunny day or after a rain shower.

The innovative water flags are a spectacular winner of an ideas competition in 2012 entitled 'Playful Concrete' promoted with the initiative of the Cement & Concrete Centre in Holland.





Playtime with sand





A sand play area provides lots of fun in the school playground. Children love to get tactile with sand and enjoy making shapes, digging and building castles using buckets and spades that in turn, stimulates their creative imagination.



SANDPIT RECOMMENDATIONS:

- Thickness of sand layer at least 500 mm
- Good quality organic play sand
- Small sandpits for children from 1-3 years - larger sandpits for children aged 3-6 years
- Sandpits need to be protected from dogs and cats by using netting or solid cover where possible
- Ideally positioned in a quiet area and preferably half in the sun and shade
- Sufficient drainage (coarse sand). Place between the two sand layers a layer of paving flags with extra space between the flags for water drainage.
- Supervision by adult where possible

Our range of concrete sandpits:

- Sandpit 900 x 300 mm Model: straight/curve
- Sandpit 600 x 100 mm Model: straight/angle 135°
- Solid Elements 500/450 x 500 mm: straight/angle/bend

Standard colours: grey (bespoke colours upon request)





Playtime with bespoke





ORNAMENTAL BESPOKE BOLLARDS

Multifunctional elements where children can sit, climb or leapfrog and experience lots of fun in the process.

STEPPING STONES

In small lakes, town parks and school playgrounds, concrete stepping stones are fun elements to jump on and step across. By varying the diameters and distances it becomes exciting and challenging to get from one stepping stone to the next.

Ornamental bespoke bollards and decorative stepping stones are available in a range of 'playful' colours.





U BLOCKS

Around basic concrete elements such as U blocks children may often invent their own games. The concrete element sometimes acts as a barrier, seating wall or a balancing walkway.



STRUDLES

Playing with apples. Children can sit and play with these artistic and innovative seating elements and be thrilled to the core. The larger strudles are fun to climb on with the smaller versions used as seating objects within outdoor play areas. Available in different colours and come with official play equipment certifications.



MOONS

Creative ornamental spheres of concrete that can be used for different purposes within typical school playgrounds. Available in different diameters and playful and striking colours the concrete moons are often multifunctional, budget-friendly, maintenance-free and are available in many sizes and colours.

Upon request we can also create custom-designed concrete elements.



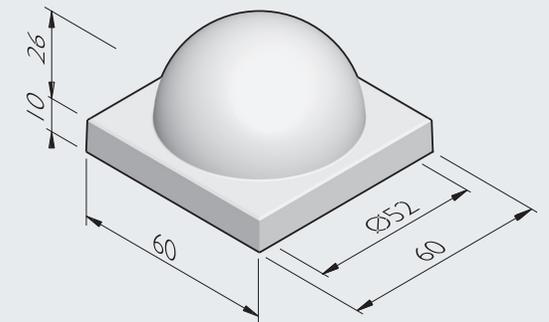


Colouring concrete





Creative designer, Ivonne van den Nieuwendijk, specialises in making decorative paintings. Commissioned by the City of Rotterdam, Ivonne works together with the students of the Albert Plesman School in painting half-sphere concrete elements that become playful and striking decorations near road crossings that can increase the safety of the children around the entrances to schools.





Colourful playgrounds



Why not make school playgrounds cheerful and interesting by simply introducing colour and size options of the flags to the paved areas. No more boring school playgrounds made of standard grey flags. By varying in flag sizes, you can create pattern effects and the areas of play immediately change into more interesting and fun zones.



Research has shown that each day 21% of children play in playgrounds during their infancy and for at least 15 minutes on average where they learn, play and develop.

An increasing number of schools in Holland have accessible public schoolyards where in the evenings, weekends and during school holidays, children can play. Therefore the playgrounds ideally must be clean and safe but especially they need to be attractive and stimulating environments.

Flags are available up to a size of 500 x 500 mm and in grey or coloured concrete. For a more natural appearance the flags are also available with a washed top layer (Kellen Lavarò).





Colouring motif flags



COLOURING MOTIF FLAGS

Flags with a special structure that take on a different appearance with shadow and light and different times of the day. Using these motifs Baukje Trennig invites us to 'sense with our eyes'. Children can use the flags as a large color map where each character or symbol can be hand-coloured with chalks. The 600 x 600 mm flags are available with different structures including Floating Pebbles, Concrete Confetti and Waving Hands.



POETIC FLAGS

In support of the Dutch national day for 'Playing on the Street', the Dutch manufacturer made a special 1x1 meter concrete plate bearing the poem of primary school pupil, Femke van Wijk. She won the poetry contest during the "Playing on the street" initiative of the Association of Safe Traffic in Holland.



Breaktime





Concrete seating that is ideal for positioning in a public space. These concrete elements have a solid look and require little maintenance. They can be placed adhoc in school playgrounds and colleges. From simple benches to complete picnic sets with choice of colours and with wooden seat tops available.





Play area perimeters



A wide range of seating edge elements that can be placed around play areas and school playgrounds where parents can relax and monitor their children. Solid concrete seating elements with various angles and curves that create a fun and protective environment for the play equipment and acts as a barrier to local traffic.





To give playing areas an extra dimension for children we are able to provide playful and extra colourful motifs into the concrete. For example we can create special child-friendly routes that are a fun way to walk to the play areas. Also we can cheer hidden or secluded green areas with a wall on which children see their own exploded drawings back.





Mosaics





GIANT MOSAIC 'GAME MEADOW'

Inspired by the 8-16 bit computer games from the '80's and '90's.

Situated in the Utrechtse district 'Kanaleneiland', Holland. Public art should be accessible. Mosaic is made of a tangeable material and has within it a pixel element. The best way to see this giant mosaic is from above and it is the intention of the artist that people of the neighborhood and beyond will look at this mosaic by using Google Earth! It is hoped that through this artistic project that children will be more endeared towards Public Art in general.

PRODUCT

Baleno 150 x 150 x 70 mm (palette of 19 colours)



MULTICULTURE MOSAIC

Together with parents and children from the neighborhood and under the guidance of an artist sometimes boring-looking furniture can be transformed into colourful and imaginative solutions. Children get to engage with their surroundings and come into contact with beautiful mosaic artwork too.



Safe play



Our safe play flags have a safe and absorbing surface that contributes to safe playground play and excel in durability and function. Under normal conditions these rubber flags have a lifespan of at least 15 years with no maintenance or replacement of worn flags required.



Composed of a concrete flag with a heavy rubber coating comprising of closed absorbing air chamber structures.

Size: 300 x 300 x 60 mm.

The rubber safety flags meet the Standards shock absorption (ISA NEN-EN1177: HIC = 1000 at 1.60 m).

Safety near schools



GOOD VISIBILITY FOR SCHOOL CROSSING POINTS

At school crossings, it is important to remove obstructive elements that block the view of drivers of vehicles and cyclists. Small decorative bollards provide an accessible route indicator to prevent cars parking near a crossing



Street Safe

Children are often on the road going to and from school, to see friends or to recreational activities. Young children especially are often accompanied by adults and dependant upon the route, traffic and conditions and the change to self-supervision is at least from 6 years old. It is important that the way to school is a recognisable and safe journey

A RECOGNISABLE ROUTE

In order to make the route to school more attractive, all kinds of play elements can be included in the safe route for example, coloured tiles, playful motifs, characters and small game objects.

For more information see CROW publication I53 "Handbook designs for children."

CAR SAFE ENVIRONMENT AROUND SCHOOLS.

Frequently around schools at dropping off and picking up times there are many vehicles. The amount of vehicles can be persuaded to park elsewhere by implementing no stopping zones and closed entrance signage with special Kiss and Ride zones. Speed bumps and clearly visible crossings with traffic plateaus ensure the necessary speed braking areas also.



HARDSCAPE

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Hardscape are 'street decisive' when it comes to the design and safety of public space. Our range consists of aesthetic, economic and socially acceptable materials and solutions.

- Street  Style prestigious appearance with natural stone
- Street  Art inspiring street images with concrete
- Street  Works economics in fixing, use and maintenance
- Street  Safe safe traffic situations
- Street  Care sustainable living environment