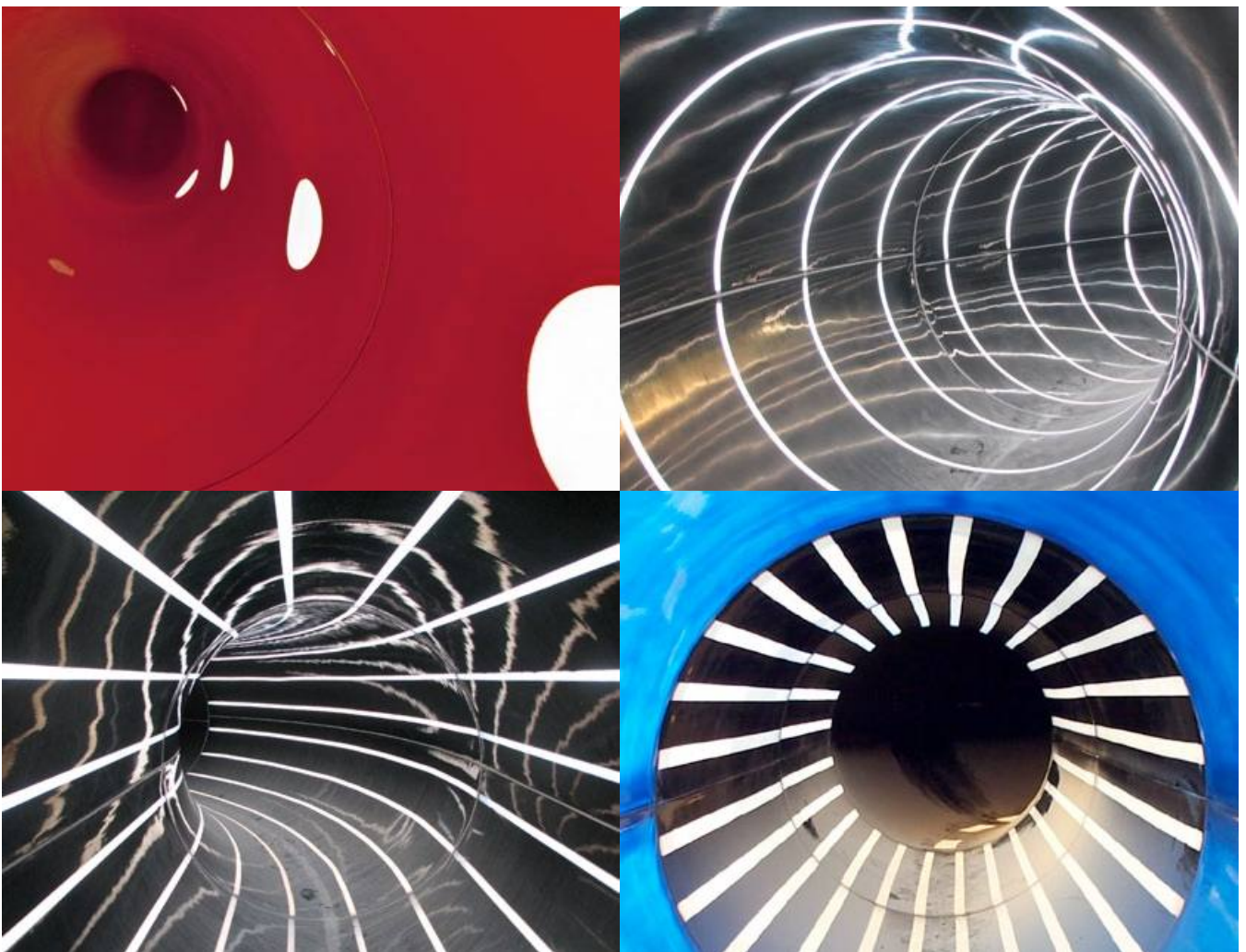


A dark tunnel ending in a pool or in an aqua catch can have natural light effects added, which makes it possible for the natural daylight to go through the colorful effect inside the tunnel. These effects, created naturally, take different forms depending on the status of the daylight during the day. This is certainly a dynamic living experience rather than a static effect, one that does not require electricity. When you look at the slide from the outside, you can see the unique and colorful patterns on its outer surface.



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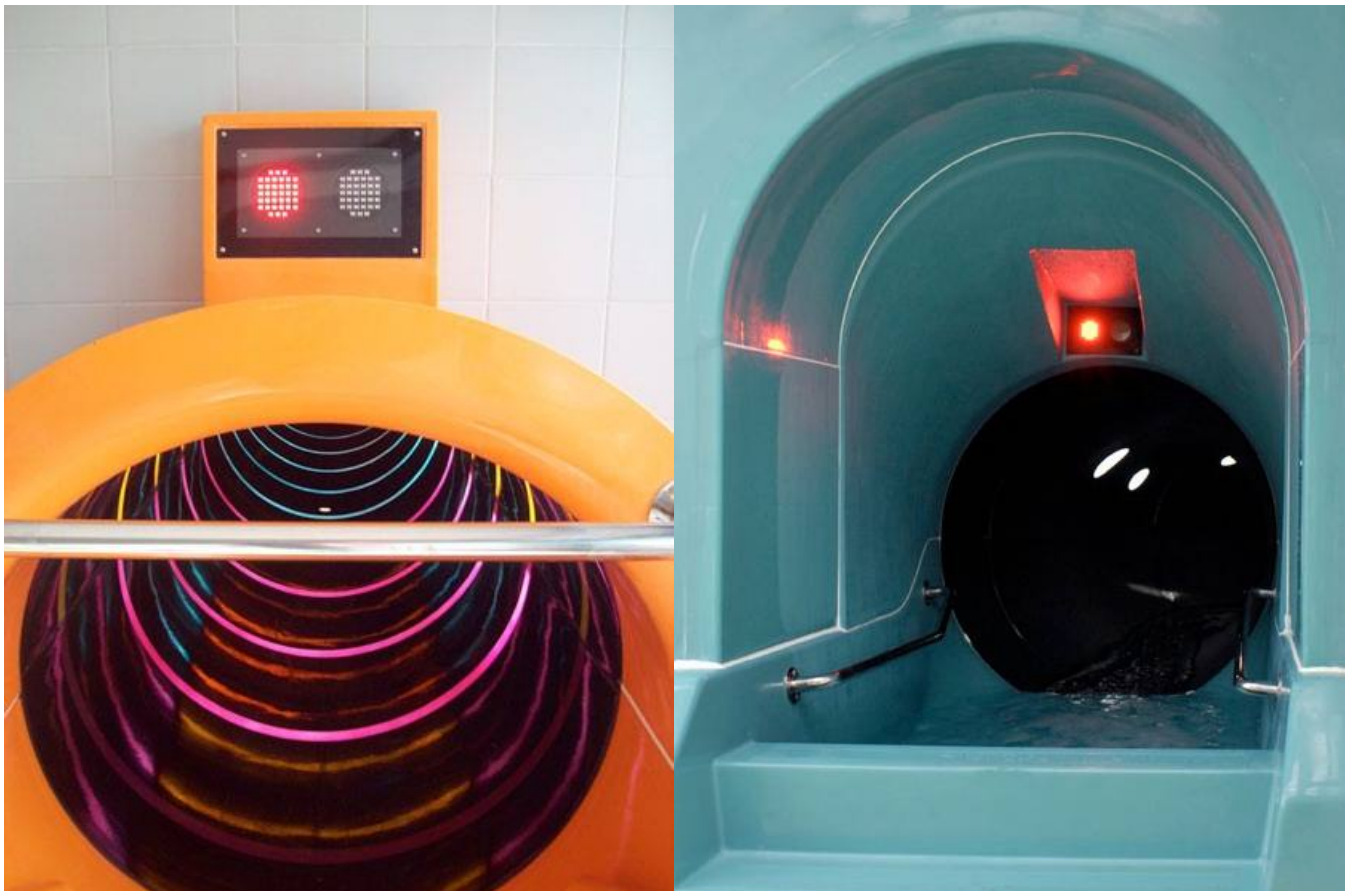
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In order to increase the safety of a waterslide, a traffic light installation is recommended. The traffic light indicates when one is allowed to go down the waterslide. Herewith the user is given the possibility to slide down the slide and safely arrive in the pool or in the landing unit. The traffic light is equipped with LED lights which have a much longer life than ordinary lighting in a normal traffic light.

Option 1: The Traffic Light is timer steered. The intervals are set during the waterslide tests.

Option 2: The Traffic Lights are regulated by sensors that adjust the red light time length individually to each certain waterslide user's slide time. The lights indicate when the slide is clear/not clear. This type of traffic light system can be additionally equipped with the Water Slide Timing Board that displays the most recent slide result.

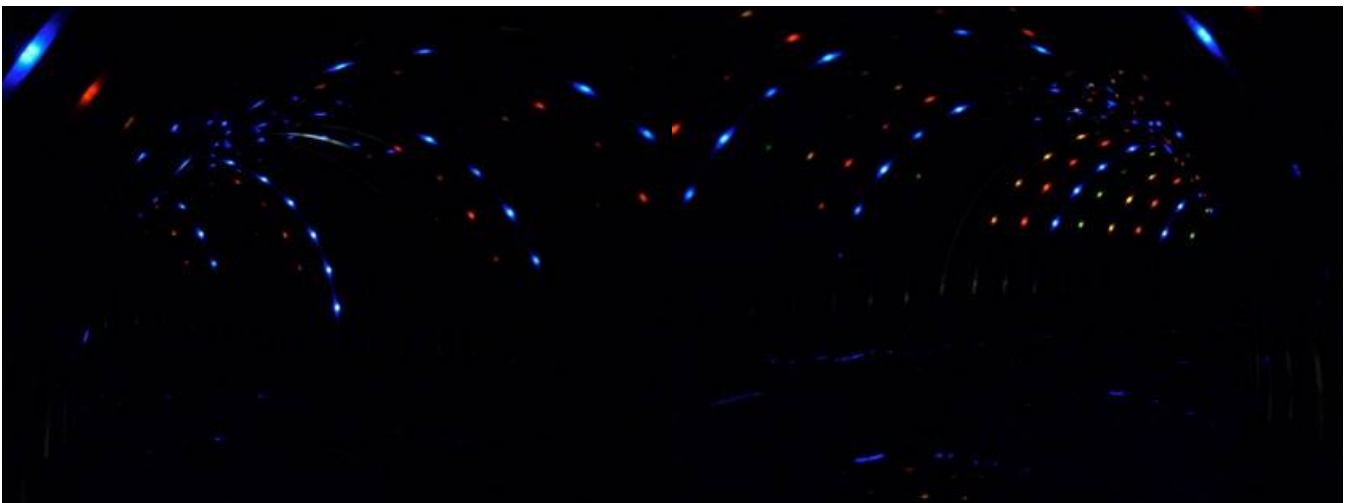


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All Pol-Glass multimedia effects rely on a highly advanced multi – LED light effect system for waterslides enhancing both the ride attraction and the safety. The system not only provides attractive light effects for Pol – Glass waterslides, but also acts as a unique innovation with many different sophistications to choose from.



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The thermal insulation system is based on the additional shielding laminate made with a smooth external surface of the insulation made of polyurethane sprayed from the inside. Polyurethane insulation layer with a thickness of about 3 cm is closed with the laminate coating. The elements of guards in the place of connection of the various slides' elements, are connected to each other by laminate stripes fitted individually. The system requires no maintenance, but inspections in accordance with the equipment operating instructions.



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The hard connections are specially made vertical flanges of the slides, that enable the connection of the individual elements of the slide. The vertical gaps between the flanges at the bottom of the tube are filled with vinyloester adhesive mass, which causes the surface flatness and smoothness. With a perfectly smooth surface over the entire length of the slip, the ride becomes more comfortable. The waterslide's user does not feel the connections between the components and the worker who operates the waterslide does not loose time and energy to service the connections. A special system of locks maintains its individual elements in the position given during the assembly.



Tubes without the length flange are the latest Pol – Glass innovative solution. These are the elements of slides made without the length flange. This allows the elimination of mold and bacterial outbreaks. It is a very important aspect as well as an essential advantage of Pol – Glass slides, since tubes without the length flange eliminate the problem of regular and ongoing maintenance of these places. Additionally, they are the aesthetic value of Pol – Glass slides as well.



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All types of landing units are made of the same class of laminate as the Pol – Glass' slides. The outer layer of the landing unit is smooth. Depending on the slide type, landing units vary in size and output direction. A characteristic feature of landing units, aqua catch in particular, is their small depth, which allows the youngest for the safe use of slides.

We distinguish the following types of landing units:

- Aqua catch – a part of a waterslide, which brings the rider to a halt in his sliding position
- Sofa – a part of a waterslide, which slows down the rider on the sliding surface and moves him additionally sideways out of the sliding path of the following users.
- Aqua Catch and Sofa – a combination of both landing units.
- Free Outlet – a specific pool or area which is a part of general purpose pool (in this case it is required to demarcate a special landing zone), inaccessible to other users of the swimming pool.

The choice of type of the landing unit, which allows landing, shall be made considering a number of factors (e. g. design, type of slide, speed) and the fact that it will have an influence on certain issues (e. g. risk assessment, way of operating the slide).



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The start element is a place where the water is supplied to the slide with the helps of pumps installed. There is usually the signalization at the start element (incorporated in the start element), but it may also be placed beside the start element as a separate, individual device. Start elements are available in various, optional colors. Moreover, all types of start elements are made of the same class of laminate as the Pol-Glass' slides.



The staircase is an element which acts as the communication link. It is most frequently available in the form of a spiral, hot – dip galvanized and painted with the protective paint system. Steps can have a laminate overlay, as well as can be completely made of laminate or riffled plate. The most commonly used and recommended type of a handrail is the handrail made of stainless steel.



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