

Ocean Giant

Material Characteristics

To ensure integrity and durability and to be optimally suited for severe use, the weather elements and unwanted abuse in the outdoors, the product must meet the following requirements:

- Panels of 19mm EcoCore™ HDPE Made of +95% recycled post-consumer material from e.g., food packing waste in both core and colorful outer layer.
- High-quality polycarbonate with a thickness of 15mm. The graphic prints are added by a unique multi-layer print process where the inner layer is the image and outer transparent layer functions as protection. Both PC panel and the water-based lacquer are UV stabilized.
- Colored steel posts with a diameter of 101,6mm and wall thickness 3,0mm made of steel S355 with a Hot dip galvanized surface treatment according to ISO1461 with a lead content below 90ppm for surfaces and for base material below 100ppm. Powder coated top finish with a layer thickness between 70-120 µm.
- Steel brackets and footings with a hot dip galvanized surface treatment according to ISO1461 with a lead content below 90ppm for surfaces and for base material below 100ppm.
- Molded PP decks in dark grey color made of 75% post-consumer waste PP material with a non-slick pattern and texture surface.
- Hollow plastic components are made of 100% recyclable PE made from 33% post-consumer materials. Molded in one piece with minimum 5mm wall thickness and in accordance with the European Standard EN 71-3 and tested for UV stability.
- Ropes of UV-stabilized PES rope strands with inner steel cable reinforcement. The polyester yarn is made from +95% post-consumer materials and is inductively melted onto each strand.
- The wackle Bridge platforms are made of molded PE with an anti-slip surface and a minimum wall thickness of 5mm. Ropes on the bridge made from 16 mm PES rope with polyester yarn made from +95 post recycled materials.
- Steel parts with a hot dip galvanized surface treatment according to ISO1461 with a lead content below 90ppm for surfaces and for base material below 10ppm.
- Banister bars and Fireman's pole are made of stainless steel Ø42.4 x 3.2 mm or Ø38 x 2 mm.
- Airflow openings with fully welded steel frames with 45° cross welded steel grid of round steel pins with a diameter of 4mm.
- Hammock seat and belt seat are made of PUR. All components retain their properties in the temperature range of -30°C to 60°C. All materials are UV stabilized to a maximum without use of heavy metal stabilities. The hammock seat is fastened to the ground with a stainless steel or hot dipped galvanized steel ø8 chain.
- The turn bars are made from s235 stainless steel with a diameter of ø38mm. The tubing is hot dip galvanized inside and outside with lead free zinc. Requires low maintenance.
- The turn bars are made from s235 stainless steel with a diameter of ø38mm. The tubing is hot dip galvanized inside and outside with lead free zinc. Requires low maintenance.
- Bolts, nuts optionally with Delta-Magni surface treatment.
- Molded PE slides made with 33% post-consumer materials in different colors in one-piece design with a wall thickness of minimum 5mm. Material in accordance with the European Standard EN 71-3 and tested for UV stability.
- Full stainless-steel slides in one-piece design with folded edges in AISI304 material with a thickness of 2mm. The steel is glass blasted after manufacturing and covered with protective foil.
- The slide is equipped with an anti-climbing panel; made of AISI304 stainless steel or with a hot dipped galvanized finish.

- Curved and straight tunnel slides of either PE or stainless-steel material and supported by multiple steel rods to a center steel post.

Foundation and Installation

Installation of the outdoor play equipment must be in accordance with the manufacturer's instructions.

Product Standards

The following standards must be respected:

- EN1176:2017 Certified by TÜV
- AS4685 Certified by TÜV

Note: Certification for Design Studio solutions are handled separately.