

Kersplash™ 4 Panel Climbing Wall, Part number 42685

The Kersplash™ Poolside Climbing Wall shall consist of the following components:

Superstructure

The structure shall consist of an 18' tall frame. The frame will include a 16' tall section for climbing with the uppermost 4' section angled towards the water at 20 degrees, second uppermost section shall be angled at 10 degrees. The top 2' non-climbable section of the climbing wall shall be vertical. The superstructure of the wall shall be constructed exclusively from 304L (Low Carbon Content) stainless steel raw materials, manufactured and formed in the United States. The structure shall consist of 1.9" x .109" round tubing, precision bent, coped, and TIG welded with overall dimensional size tolerances of +/- 1/16 inch. Panel brackets shall be fabricated from 12 gauge 304 stainless steel sheets, and TIG welded permanently to the frame structure. There shall be no pins or pivots in the main frame to compromise structural integrity. All stainless steel components shall be coated with Spectra Shield™ to withstand the aquatic environment.

Panels

Panels for the Kersplash™ Climbing wall shall come in two options. Kersplash Crystal Clear™ panels shall be fabricated of outdoor rated, double side UV protected, polycarbonate for superior strength and impact resistance. Kersplash Color panels shall be fabricated of UV protected, playground-grade high density polyethylene. Panels shall have 6 slots on the perimeter for mounting to the frame and 9 captive fasteners to allow for hand hold mounting. Panels shall be 4' by 4' dimensionally (+/- 1/16") and all sharp edges shall be mechanically rounded. The top 2' panel shall have no hand holds or graspable surface features to deter climbing above the designated climbing panels. All panels shall be capable of withstanding the aquatic environment.

Holds

Each climbing panel shall come with 9 hand holds. Hand holds shall be fabricated from a proprietary hybrid resin with a formulated UV-inhibited blend specifically engineered for the aquatic environment. Hand holds shall be Yellow, Red or Orange in random quantities. Each hand hold shall have an imbedded stainless steel washer.

Anchors

The anchors shall be engineered to withstand a 90 MPH wind load with a safety factor, and any forces induced by climbing. The anchoring system shall consist of qty. 6, 304L cold formed stainless steel brackets that clamp the climbing frame with 18-8 stainless steel 5/8" x 6" Hilti Quick Bolts. The anchoring system shall be imbedded 3" into the concrete.

Fasteners

All fasteners shall be 18-8 S.S. and all connection points other than hand holds shall have Nylock locking element nuts.

Footing Requirements

The footing requirements shall be based on a 90 mph wind load, standard 4" thick pool deck shall be sufficient.

Warranty

Limited one year warranty, as supplied by Everlast Climbing™.



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