

HIGH QUALITY CLIMBING STRUCTURES



SINT ROC SHAPING THE HISTORY OF SPORT CLIMBING SINCE 1989

With an over 25 year history we have gained a unique experience designing, constructing and installing artificial climbing walls throughout Europe.

Our headquarter is located at Arco – the world's sport climbing capital – and the constant contact with climbers of all abilities enables us to know and anticipate the market trends. Hundreds of artificial structures carry our Sint Roc brand, from local schools to enormous, specifically designed commercial climbing walls.

Our decade-long partnership as official suppliers of Rock Master, the 2011 World Championships 2011 and the 2015 World Youth Championships, coupled with company founder Angelo Seneci's vast experience at organizing events, enables us to design cutting-edge competition structures. The first modern Speed Climbing bears the Sint Roc hallmark. Since 2015 we are an IFSC certified Speed Wall Manufacturer.

SINT ROC HIGH QUALITY CLIMBING STRUCTURES

Our mission is to provide our clients with the highest standards, both in terms of quality and safety. The Sint Roc climbing structures are designed, built and checked according to EN12572, the European norm we helped define when it was first created in 1998. We pay particular care to safety both in the project and construction stage, as well as after-sales. Our technical department is headed by Marco Bortoli, an Engineer with over 2 decades of experience during which he has designed hundreds of structures. We use high quality materials only. Our structures are produced and installed by a highly trained workforce who have worked with us for years and who have attended work safety programs.

We have designed special certified panels that conform to particular safety and quality standards: class 1 fire proof approved panels, formaldehyde-free panels. Through our R&D we continue to provide



Rock Master - Arco (ITA)



AREA 47 - Ötztal (AUT)



new technical solutions for functional, aesthetic, safe and long-lasting structures. Thanks to over 25 years of experience we can provide 360° consulting, from feasibility assessment to business plan creation, via climbing centre space allocation and management.



Kletterzentrum - Brunico (ITA)



UP Climbing

STRUCTURES FIXED TO EXISTING BUILDINGS

These walls are secured to the structural elements of the building. The supporting frame supports the load of the climbing structure and loads generated by the athletes and transmits these to the building elements.



*Cube-Salewa
Bolzano (ITA)*

STRUCTURES WITH PROTECTION POINTS

Structures higher than 4.5m, where falls are protected by anchors – protection points – to which the climbing rope is clipped to. The protection points conform to EN 12572.1 and transmit the load directly to the supporting frame.

BOULDER STRUCTURES

These are walls that are lower than 4.50m where falls are protected by specifically designed EN 12572.2 approved mats.

FREE-STANDING STRUCTURES

These are structures that support themselves, the loads generated by the athletes and – if positioned externally – natural elements such as snow and wind. The product range is enormous, from towers to single-sided walls and structures integrated into the covering arches.



ADIDAS Headquarters



SIMPLE INDOOR OR OUTDOOR

18mm plywood panel with double layer resin and 0,1/0,4 quartz sand coating. Furnished with 32/mq grid of M10 threaded insets. For indoor use we use 11 layered birch plywood with galvanized inserts for bolt-on holds. For outdoor use we use marine plywood with wood essence resistant to fungus and mould. Class 3 bonding for exterior use. Stainless steel inserts for bolt-on holds.

PANEL COATING

We apply our DURA FINISH coating, appreciated throughout Europe for over 20 years for its excellent friction, resistance to wear and tear and above all because it drastically reduces climbing shoe black rubber marks, meaning that the wall is easier to clean. Emission free water-based resin. All RAL colours on request.

SINT ROC EDGE PROTECTION

All edges that can wear the climbing rope are protected by our built-in system that guarantees.

- beauty - extremely reduced visual impact
- functionality and safety - long-term resistance, no risk of sharp edges appearing as with traditional angular protection systems



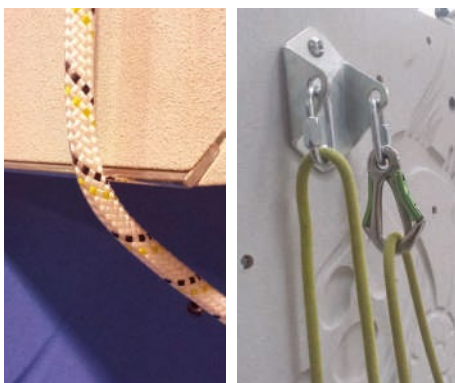
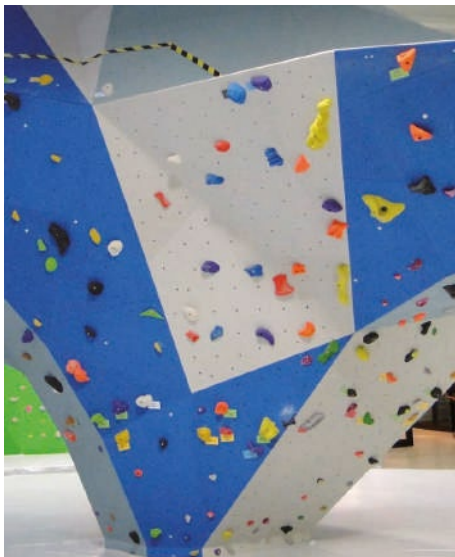
HIGH RESISTANCE INSERTS

All our panels are equipped with an exclusive large surface insert (40x40 mm, high resistance thread, fixed with two 4,5x20 screws). Conform to EN 12572.1



CARVED INDOOR OR OUTDOOR

These panels have the same characteristics as the previous panels, except that the surface is carved with shapes to resemble the rock.



INTERMEDIATE PROTECTION POINT

The intermediate protections points are equipped with rounded hangers that reduce the wear and tear of the maillon rapide. The hanger is fixed directly to the supporting frame with a rounded screw that can be checked and tightened externally, without having to access the back of the structure.



Our cracks system is perfect to teach and training jam technique.

DIAMOND SYSTEM

With this assembly system climbing walls can be designed with panels angled in all different directions. The panels are cut with CAD - CAM machinery to guarantee clean and regular edges for perfect assembly.

SINT ROC TOP BELAY POINT

Stainless steel plate assembled directly to the supporting frame with two M12 self-locking screws. Two independent rope anchor points on the same route enable for a top rope and, simultaneously, an abseil point for lead climbing. This avoids the danger of ropes rubbing against each other.



ROUTE PLAQUE

Plexiglas route information plaque located in a notch at the base of the panel.

KID'S CLIMBING

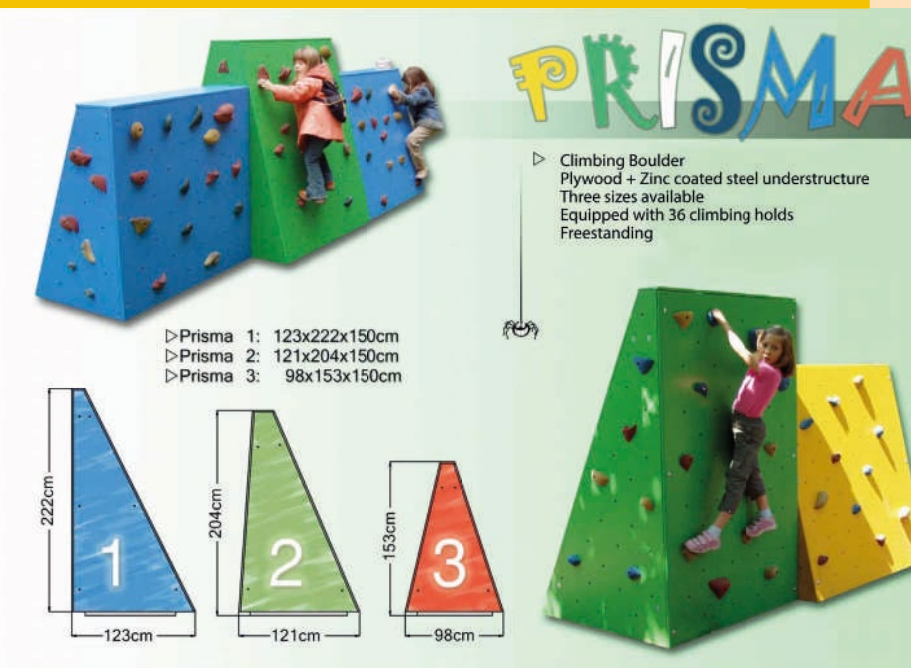
ROCCIA CON TUNNEL

- Two climbing boulders + rock tunnel
- Fiberglass + Zinc coated steel understructure
- Equipped with 90 climbing holds
- Safety floor 6.5x5.0 mt
- Freestanding



Monolite

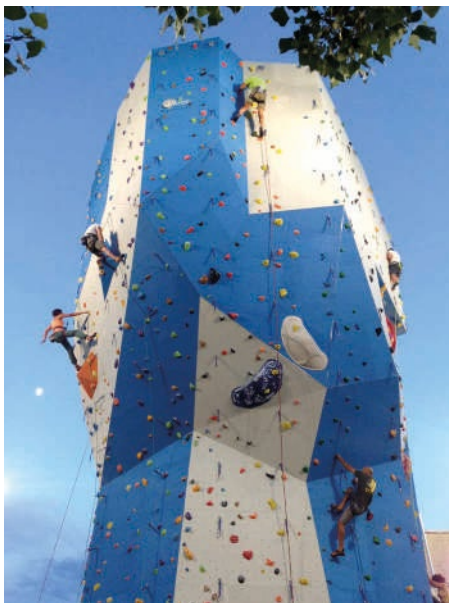
- Climbing boulder
- Fiberglass + Zinc coated steel understructure
- Equipped with 50 climbing holds
- Safety floor 5,05x5,05 mt
- Freestanding



A SELECTION OF OUR BEST



Sanbapolis - Trento (ITA)



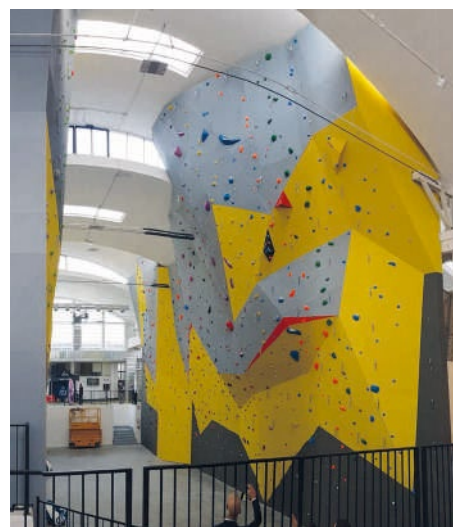
Up Urban - Bologna (ITA)



MeranArena - Merano (ITA)



DAV - Schweinfurt (DE)



Manga Climbing - Milano (ITA)



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