CLIMBING PASSION.

Climbing is a multi-form sport, or more accurately, a multi-form passion. Traditional, sport, solo, bouldering, aid and now indoor climbing are some of the numerous ways to climb. And, with any form of climbing comes the same set of values and skills. While growing your passion for climbing, you develop a love for nature, a true team spirit, self confidence, tenacity and humility. It is my personal belief that making climbing walls around the world brings climbing to everyone and therefore allows those key values and important personal skills to spread. This is one of the reasons why, at Entre-Prises, we build climbing walls.

We started it all 29 years ago, and since then our passion has remained intact. Today, the EP team has become a global, multicultural group combining the skills of all: climbers, engineers, designers, craftsmen and more.

Together, we continue our search for unique and elegant shapes, designing new climbing lines, and pushing material and process innovation. Discover in this book a few of our iconic projects and our range of solutions.

EP climbing walls: anything is possible

Antoine Richard
CEO/President: Entre-Prises International
To bring the tallest climbing wall in the world to Reno! The developers wanted to create a new icon in downtown Reno, right above the famous city sign, “The Biggest Little City in The World.” The message is clear: Reno is not just a casino town; this is also a gateway to the mountains.

**EP SOLUTION**

- Large, flat planes with consistent angles to reduce overhangs constrained by the mezzanine
- Official IFSC speed wall
- Multi pitch experience with large comfortable belay ledges
- Duplicate top lines to allow dual speed competition
- Narrow top lines to increase climbing exposure
- **Lightwave** and **Imprint** composite system to ensure outdoor durability
At the Quay Climbing Centre, the objectives were to build a place with climbing for everyone and to create South West England’s largest, dedicated indoor climbing wall. But another aim was to give a new life to the Old Electricity Works, one of Exeter’s most identifiable buildings, as well as making the most of the 15 meters at the apex, to provide a majestic space in which to climb.

- A good mixture of difficulty to spread all levels through the space
- Simple lines with strong color combinations to add a modern twist to the historic building
- MozaiK system to allow the best route-setting functionality
- Separated space for Clip ‘N Climb area; climbing for all ages with no experience needed
CLIENT DREAM

A learning environment with the feel of the outdoors. At OSU, the directors teach students hands-on about climbing safety, rappelling, sport climbing, traditional climbing, rescue climbing and more. This is the second climbing facility on campus, so the Outdoor Education Directors wanted to encompass a full learning center. Each design aspect of the walls was driven by the client, based on their specific programming needs.

EP SOLUTION

- **Freeform** system to provide realistic crack features
- Large flat areas and high T-nut density for route setting and features
- Belay and rappel ledges for learning multi-pitch and rescue techniques
- Practice room to teach the use of traditional climbing protection in natural features.
**EP PROJECT**

name. Vitam Park  
location. Neydens, France  
system. MozaiK / Imprint  
date. August 2009  
size. 1,300 square meters

**CLIENT DREAM**

With Vitam Park, Migros supermarket aimed at creating a new type of shopping center: a real destination including a well-being zone, a water park, and a sport and leisure zone that would include a climbing wall. Their main wishes were to create route levels to suit everyone, but also to design a unique feature in the center of the space that would be eye-catching when seen from the mall.

**EP SOLUTION**

- Three well-identified zones: beginner, intermediate, advanced
- **MozaiK** wood system to give maximum route-setting functionality to the gym operator
- A limited zone built with **Imprint** panels to offer a feel for real rock climbing
- High eye-catching central curved tower
- Bright colors to match the modern aesthetic of the shopping center
CLIMBING WALL CATEGORIES
Each climbing wall design needs to address the operator requirements as well as the user needs. With eight categories, we understand the key climbing wall features that make the difference in day-to-day use and operations.

CLIMBING WALL CONFIGURATIONS
Our six configurations allow us to fit in multiple spaces or environments and meet different climbing demands.

CLIMBING WALL SYSTEMS
Our range of systems use different materials (wood, composite), as well as the latest industry manufacturing techniques and innovations. They allow us to create unique shapes (geometric, curves, rock features, etc.) and aesthetics (real rock, bright colors, etc.).

HOLDS, EQUIPMENT & SERVICES
With more than 1,000 shapes, EP’s climbing-hold range offers great diversity in size, shape and color. All of our holds are EN certified and include the EPS safety system as well as the Dual Fixing system.

Our additional range of equipment and services allow you to keep operating safely for years to come.

CLIP ‘N CLIMB & CLIMBAT CENTERS
With our growing worldwide network of Clip ‘N Climb and Climbat climbing centers, we are able to offer turn-key franchise solutions for investors.
**CLIMBING WALL CATEGORIES**

- **KIDS & AMUSEMENT**
  - Operator: playgrounds, entertainment centers, discovery museums, shopping centers
  - User: beginner pre-school children to 12 years old
  - Features: easy-to-hold features, fun aesthetics and themes, low height-traversing elements for practicing body movements

- **EDUCATION**
  - Operator: schools and universities
  - User: beginner to advanced, ADA approved
  - Features: space for group classes, easy access to the top of the wall, belay ledges and high function features

- **PUBLIC PARKS & RECREATION CENTERS**
  - Operator: non-profit centers, local city parks, Kroc Centers, YMCA, Boys & Girls Clubs
  - User: beginner to advanced, ADA approved
  - Features: meets city and state safety regulations, strong aesthetic drive

- **MILITARY TRAINING**
  - Operator: government agencies, fire, police, national guard, armed forces
  - User: beginner to intermediate
  - Features: multiple rappel ledges, ability to climb in boots and full gear, large-group instruction areas
Climbing Gyms
- Operator: commercially run, climbing-specific centers
- User: beginner to expert
- Features: diversity of terrain, unique WOW factor to attract climbers, bouldering and rope climbing, route-setting functionality, social space and people flow, storage, etc.

Leisure & Fitness
- Operator: fitness center offering climbing in addition to other activities
- User: beginner to intermediate
- Features: top rope and belay friendly, low maintenance, aesthetics to fit the gym environment

Competition & Speed Walls
- Operator: sport federation or brand
- User: expert
- Features: large flat planes for advanced route setting, vertical to steep terrain, large volumes and moveable features, quick set-up and installation, easy view for spectators

Medical & Health Disabilities
- Operator: disability and recovery facilities, hospitals, rehabilitation centers
- User: beginner to intermediate
- Features: easy climbing for physical therapy and gaining confidence, wheelchair accessible features, top ropes and pulley systems
ROPE PROTECTED WALLS
- Lead climbing / top rope climbing
- Against existing building or free-standing
- No limit to size or shape
- Best option for flexibility to create amazing design

TOWERS
- Lead climbing / top rope climbing
- Free-standing
- Climbing 360 degrees around the tower
- No limit to size or shape

BOULDERING WALLS
- Shorter walls designed to be climbed without ropes
- Against existing structure or free-standing
- No limit to shape
BOULDERS
- Free-standing elements
- Permanent or moveable
- No limit to shape

MOBILE WALLS
- Gross weight of tower generally under 2,200kg
- Option to remove the tower from the trailer unit for use indoors
- Standard size: 6.5 meters high and 2.45 meters wide

ARTICULATING WALLS
- Great adaptability for limited space, turn a beginner’s slab into an overhanging roof
- Electric or hydraulic systems according to size
MOZAIK
- Material: 18mm full birch plywood and composite topcoat
- Route-setting: 36 hold inserts per square meter, flat planes
- Shape/aesthetic: geometric shapes, natural rock type or bright color schemes
- Durability/safety: non-marking topcoat, EN strength requirements

LIGHTWAVE
- Material: composite surface and topcoat
- Route-setting: 24 to 36 hold inserts per square meter
- Shape/aesthetic: geometric, 3D curves, organic shapes with natural rock appearance or bright urban color schemes
- Durability/safety: suitable for outdoor use, non-marking topcoat, EN strength requirements

FREEFORM
- Material: composite surface with 12.7mm rockcoat
- Route-setting: 8 to 18 hold inserts per square meter
- Shape/aesthetic: 100 percent hand sculpted and detailed to create realistic rock features, different types of rock color schemes
- Durability/safety: suitable for outdoor use, EN strength requirements

IMPRINT
- Material: one meter square composite panels
- Route-setting: 12 hold inserts per square meter, 3D modular panel system can be reconfigured over time
- Shape/aesthetic: grey or detailed to match requirements
- Durability/safety: panels retain texture, EN strength requirements
ICE WALLS
- Ice with refrigerated surfaces that generate real water ice
- Artificial dry ice simulates ice climbing
- Portable or permanent applications
- Holds can be used to simulate mixed climbing

CLIP ‘N CLIMB CHALLENGES
- 28 uniquely themed climbing elements
- Provides healthy, physical and mental challenges for all ages
- Great introduction to rock climbing with no experience needed
- Fun and safe family environment

CAVES
- Patented Speleo modular system that you can reconfigure over time
- Custom designs to meet your space and budget
- Internal cave paintings and fossils can be incorporated
- Safety features including air quality, no snag or finger traps, easy access to rescue ‘stuck’ climbers and more
**HOLDS**

- Classic Polyester (PE) mix provides dry texture and offers a great value. Best for flat or wood walls.

- Dual Density Polyurethane (PU) technology provides dry texture in a lightweight, super-strong part. The soft-back requires less torque to resist spinning and makes the parts more durable and chip resistant.

- Our range includes over 1,000 shapes, organized as follows:
  - macros & features
  - drifter series
  - comp & speed
  - limestone
  - training & boards
  - kids & playground
  - essentials by shape
  - paks

**EQUIPMENT**

- We offer all the equipment you need to keep your climbing wall fresh and safe. Products we offer include:
  - auto belays
  - chain-up kits
  - quickdraws, harnesses, shoes and more

**ROUTE SETTING**

- Route quality and consistency are mandatory and must meet the needs of your user group. A few aspects you will learn about:
  - safety
  - movement and aesthetics
  - grade specific route-setting for children to competitions
INSPECTIONS
• The Climbing Wall Association (CWA) recommends an inspection every 2–4 years. At a minimum, inspections cover:
  - primary / secondary support structure and connections
  - anchors and climbing surface
  - equipment, holds and your climbing area in general

RETRO-FITS & FLOORING
• Many aftermarket upgrades and retro-fits can be provided, regardless of climbing wall manufacturer, including:
  - auto belay braces
  - anchor points for chain-up kits and belay bars
  - flooring

CLIMBING WALL MAINTENANCE & MANAGEMENT
• Safety-first training for risk management and preventive maintenance is key to climbing wall operations. A few areas covered in this training include:
  - climbing wall and hold cleaning and maintenance
  - equipment inspection and maintenance
  - visual control and swing cones

INDOOR CLIMBING TRAINING
• Indoor rock climbing requires many of the same skills as outdoor climbing—and some additional ones. Learn about:
  - harness fitting and safety
  - lead climbing
  - bouldering safety
Both of our franchise opportunities are currently working models around the world, which include:

- Proven business models with high profitability
- Turn-key solutions to open your climbing center—with no climbing experience required
- Different levels of license agreements
- Comprehensive package of operation practices with genuine ongoing support and staff training programs
- Successful marketing and communication strategies to ensure growth