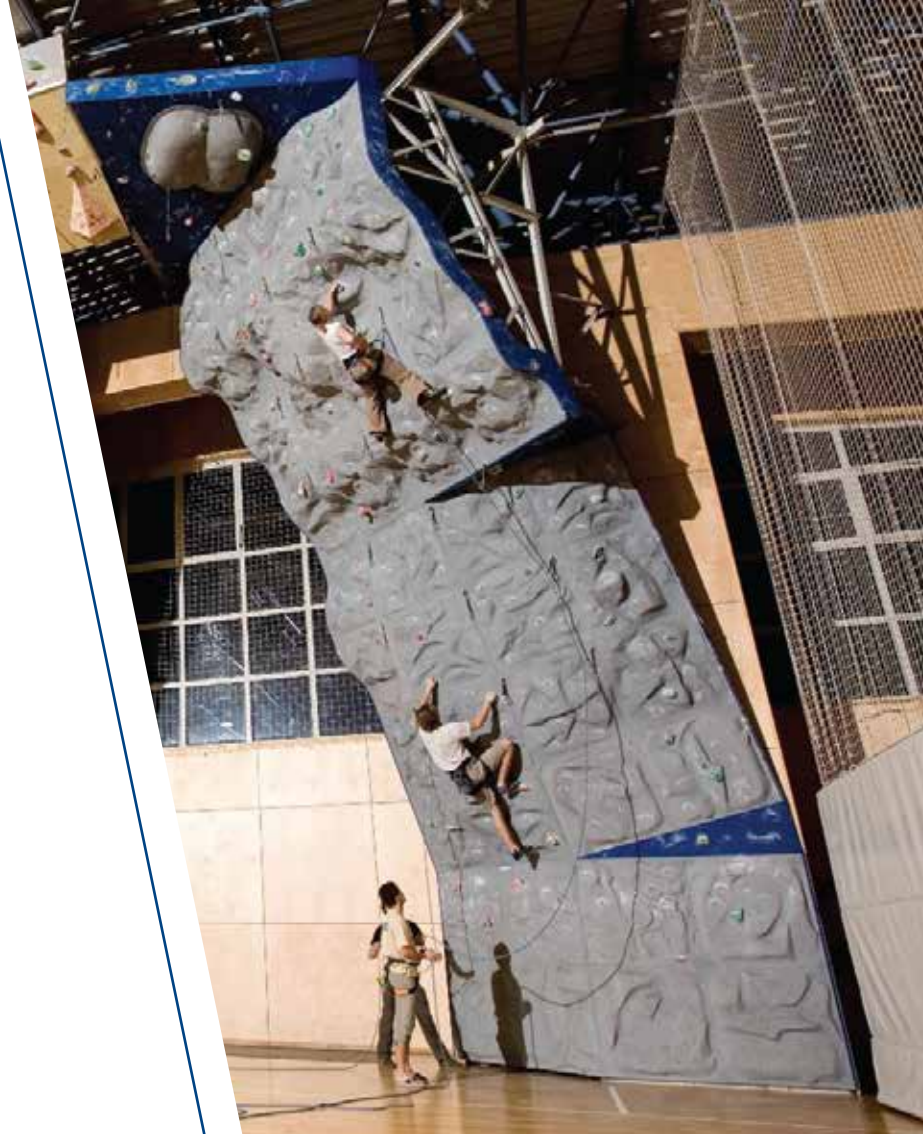


THREE DIMENSIONAL MODULAR POLYESTER CLIMBING PANELS

Perfect solution for your climbing wall

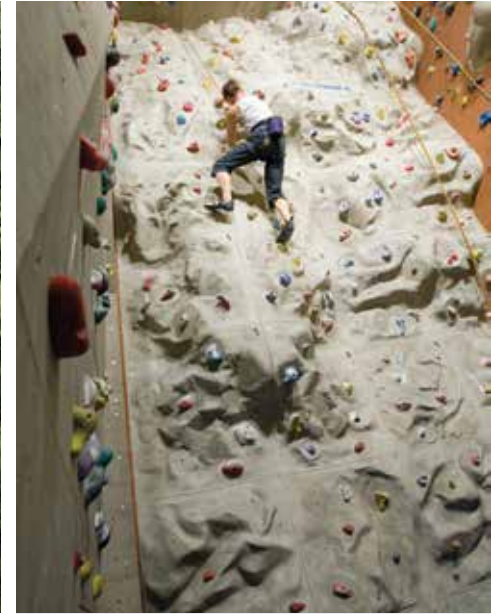




Climbing walls, made of three dimensional 1x1 meter sized modular polyester panels are really perfect solution for recreative climbers, beginner climbers, school and pre-school children.



Most of the climbers are recreative climbers. So why don't you offer them a climbing wall, that would bring them joy and happiness. So that they can be really proud of themselves when reaching the top of the climbing wall easily.



But also skilled and trained climbers are always happy to climb on CityWall 3D modular polyester climbing wall, because our modular system of countless combinations of connecting panels together offers creating a great variety of shapes, that resemble natural rock creatures, such as roofs, overhangs, slabs, corners. All of these rock formations can be formed from our 3D polyester modular panels, and you don't even need large surface to realize all of them.



- ✓ Beginners, recreative or advanced climbers
- ✓ Indoor or outdoor use
- ✓ High or low climbing walls
- ✓ Appropriate for schools, competition walls, recreation and tourist areas, kindergardens, playgrounds and many more
- ✓ Modular system
- ✓ Countless combinations to present rocklike formations
- ✓ Easy installation
- ✓ Antivibration system
- ✓ Possible combination with plywood climbing walls
- ✓ Tested according to EN 12572 standards



Climbing walls made of 3D polyester modular panels are appropriate for climbing walls in kindergardens or on playgrounds.



Children will just love to climb up and down these panels and experience rock climbing without fear. And no fear also for the teachers! By using soft mattresses for protection you will make climbing for kids perfectly safe.



Installation is simple and easy. You can install these panels to existing wall.



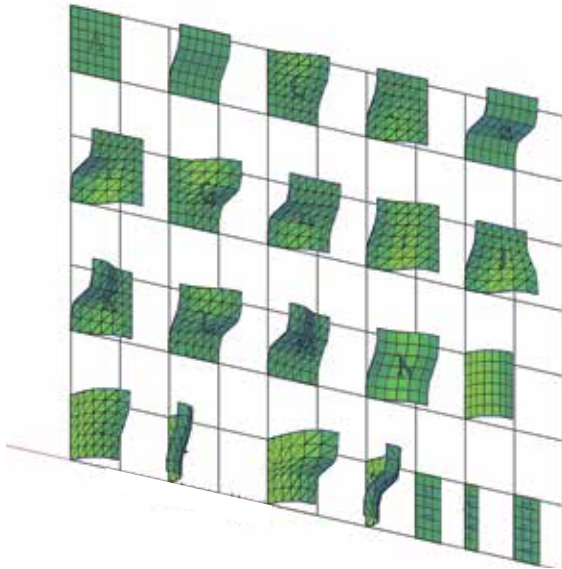
We should encourage children to climb!

Make it fun!
Make it safe!
It's easy.

Use CityWall modular three dimensional polyester climbing panels and bring the experience of rock climbing directly to the children.

By using our specially designed climbing holds of interesting shapes, the kids will be even more motivated to climb and move. This will make them happy, healthy and in good shape.





Different modules and different morphologies – the result is creative design

We are offering you 22 different modules and 44 different surface morphology of panels. From such a great variety of modules we can help you to create you very own version of climbing wall, from steep to overhanged.



CityWall special modular system enables also curved edges around the corner. In that way you will take advantage of side closing for even larger useful climbing surface.



Flat custom made side closing can also be made. Carefully tailored curves of flat panels, that perfectly fit with modular climbing panels, will keep the climbing wall subconstruction safe from unauthorized access.



Some greater overhangs can be combined with modular panels as well as with custom-made flat panels, that create roofs. Such combination can satisfy even the most demanding climbers.



When it comes to installation, CityWall system of connecting the panels together saves your time and money.

Installation is quick and easy. You just have to follow the installation drawing.

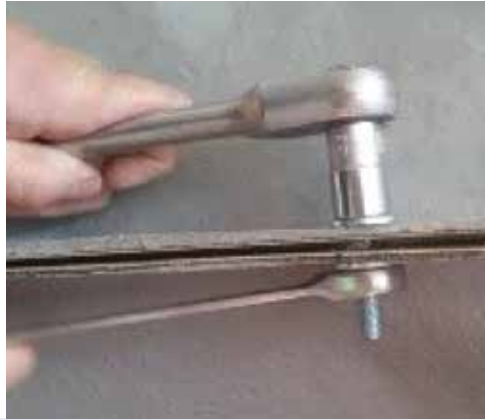
Special system of backfolded edges keeps the panels firmly connected together, which prevents vibrations. There is absolutely no chance of occurrence of gaps or holes between the panels.

Panels do not bend, which makes the climber secure and focusing just on climbing and reaching the top.



- ✓ Quick and easy installation
- ✓ Money saving
- ✓ No vibrations
- ✓ No gap occurrence
- ✓ No bending of panels





All CityWall three dimensional polyester modular climbing panels have back side frame, created of backfolded edges of the panels. The frame has already prepared holes for screws.



When connecting the panels together with screws through the holes in the back side frame, the panels will remain firm and no gaps will occur between the panels.



**SERVICE DOOR
FOR EASY MAINTENANCE
AND INSPECTION
CHECKING**

Service door is implemented into the existing climbing panels. For fixing the service door we use indoor or outdoor screw material. Service door is necessary for easy access to the backside construction for maintenance and inspection checking.

The key to quick and efficient installation





CityWall three dimensional modular polyester panels are made of GRP (glass reinforced polyester) laminate, covered with sandy texture.

For indoor climbing wall purpose we use zinc T-nuts. For outdoor climbing wall we use inox A2, or in case of close to the sea-side location we use inox A4 T-nuts.



Panels have from 10-15 holes with T-nuts for fixing the climbing holds. The places around the holes for fixing the holds are flat, so that you can firmly screw the climbing hold into the T- nut. You use M10 screws with different lengths.



The weight of the panels differs on the size of the panel. The panels, that are used for creating slabs, have smaller weight, but the curved panels, that are used for creating overhangs and corners, are heavier.



Curves of the panels with increments from 0.0 to 0.25 cm to 0.50 cm enable creating slabs, overhangs and roofs.

Type of panel		Dimensions (in meters)	Weight (in kg)	Nr. of holes for climbing holds
1.	A	1 x 1	13 - 15	10 - 15
2.	B	1 x 1	13 - 15	10 - 15
3.	C	1 x 1	13 - 15	10 - 15
4.	D	1 x 1	13 - 15	10 - 15
5.	E	1 x 1	13 - 15	10 - 15
6.	F	1 x 1	13 - 15	10 - 15
7.	G	1 x 1	13 - 15	10 - 15
8.	H	1 x 1	13 - 15	10 - 15
9.	I	1 x 1	13 - 15	10 - 15
10.	J	1 x 1	13 - 15	10 - 15
11.	K	1 x 1	13 - 15	10 - 15
12.	L	1 x 1	13 - 15	10 - 15
13.	M	1 x 1	13 - 15	10 - 15
14.	N	1 x 1	13 - 15	10 - 15
15.	O	1 x 0,5	6 - 8	5 - 10
16.	P	1 x 0,75	7 - 10	5 - 10
17.	R	1 x 0,75	7 - 10	5 - 10
18.	S	1 x 1	13 - 15	5 - 10
19.	T	1 x 1	13 - 15	5 - 10
20.	A/2	1 x 0,5	8 - 10	6 - 8
21.	A/75	1 x 0,75	10 - 12	8 - 10
22.	A/25	1 x 0,25	4 - 6	4 - 6



The panels have been tested in all kinds of weather conditions: from tropical weather conditions with high temperatures and a lot of air moist in the Carribean and Mediterranean...



...to very low temperatures with ice and snow in Scandinavia and in the Alps.

1. Hold insert resistance test for artificial climbing structures, SIST EN 12572-1/2007, Annex E
2. Impact test of surface elements, SIST EN 12572-1: 2007, Annex D
3. Declaration of conformity No- 07/5093 for climbing wall with sandy structure with EN 71-3:1994: Safety of toys - Part 3: Migration of certain elements, the amendments: EN 71-3:1994/AC:2002, EN 71-3:1994/A1:2000, EN 71-3:1994/A1:2000/AC:2000
4. Structural analysis as a subject to static and dynamic loadings
 - Response of the panels subject to impact of falling climber
 - Capacity of panel subject to load in critical point in compliance with EN 12572 standard.
5. Resistance to fire: Classification of reaction to fire in accordance with EN 13501-1:2002 and Reaction to fire test according SIST EN ISO 11925-2.

COLOR RANGE



Colour of panels is sandy grey, which varies from lighter to darker shades.



Customers can choose their own colour code. Depending on special conditions of the location itself we choose the type of colour that is resistant to outdoor impacts.





With CityWall modular climbing panels you can create any type of climbing wall you want.



Climbing shop, indoor, Croatia.



Sport park, outdoor, Slovenia. Possible installation directly on the concrete wall.



Private wall, outdoor, Slovenia.



Private wall, outdoor, Slovenia. With kid's climbing holds for better motivation.



Outdoor selfstanding boulder next to the recreational walking trail, EU funded project, Slovenia.



School selfstanding outdoor boulder, Norway.



Kindergarden, indoor, Slovenia. Protection with soft mattresses.



Private indoor training wall.



Sports park recreational area, high outdoor, Slovenia.



High climbing wall for competitions, indoor, Slovenia. Inclined subconstruction makes the climbing wall more attractive. Sports hall, Slovenia.



Indoor recreational climbing wall with flat side closing. Modular system enables big roofs and overhangs. Gym, Sweden.



Outdoor selfstanding climbing tower in the tourist area. Croatia, Mediterranean.



Outdoor climbing wall, recreational area, Sweden.



Recreational climbing wall, gym, India.



Indoor recreational high climbing wall, Canada.



Recreational high outdoor climbing wall in residential area, Germany.



Outdoor high climbing wall, Japan.



Combination of low and high indoor climbing wall in a school recreational area, Slovenia.



Outdoor recreational climbing wall, Hong kong.



Combination with plywood wall, sports and tourist hotel area, indoor, Slovenia.



Outdoor selfstanding tower, tourist area, Slovenia.



Outdoor climbing wall on a tower, fire brigade civil protection cross border training centre, Slovenia.



Outdoor selfstanding tower, Singapore.



Climbing wall on a luxury cruise ship.



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