



World up  
Keep  
Climbing

INTERNATIONAL FEDERATION OF SPORT CLIMBING  
www.ifsc-climbing.org

## IFSC CLIMBING WALL REQUIREMENTS [PROVISIONAL]

Regarding IFSC Rules the Climbing Walls must comply with the European Standard : EN 12572-1 / EN 12572-2 / EN 12572-3 and [The Speed License Rules](#)

SPECIFICATIONS BASED ON WORLD CUP EVENTS

### LEAD CLIMBING WALL

Height = 15 meters (mini 13m to maxi 18m)

Width = 12 meters (4 routes in same time, one route is 3 meters width minimum)

Overhang = 9 meters (mini 7m to maxi 11m)

Profiles = average inclination close to 30° (mini 10° to maxi 60°)

Orientation = North or North East

Covering = at least 1 meters minimum + raindrop 15°

Specifications =

- Horizontal distance between anchors (bolt) must be less than 1m in order to create routes curvilinear.
- Angles between two panels should not exceed 120°

### BOULDERING CLIMBING WALL

Height = 4.5 meters (mini 4m to maxi 5m)

Width = 30 meters (10 routes in same time, one route is 3 meters width minimum)

Overhang = various profiles

Profiles = average inclination close to 30° (mini +5° to maxi 60°)

Orientation = North

Covering = Mattress + raindrop 15°

Mattress =

2.5 meters in every direction from the most advanced point. (EN 12572-2). Thickness 0.4m



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Stage = 0.5m to 1.5m height

Specifications =

- Vertical and positive panels should not have inserts (t-nuts).
- Coating should not have sand on it.

## **SPEED CLIMBING WALL (REFER TO THE IFSC SPEED RULES)**

Height = 16.7 meters (15m at 5° + extra)

Width = 6 meters (2 lanes 3 meters wide)

Overhang = 1.3 meters

Profiles = 5°

Orientation = North, East, West, South

Specifications =

- Manufacturer must be certified.
- Speed Holds must be homologated
- Automatic Speed Belaying System should be involved
- Timing System Device should be involved

## **WORLD CUP FACILITIES' VENUE**

A world cup could welcome between 1500 to 8000 spectators who must have a good visibility to the climbing wall and climbers.

The competition venue must have some specifics area/zone like an isolation zone, warming-up wall, storage room for route-setting, press room with fast internet, and other as describe in the [IFSC Event Organiser Handbook](#).