

BLOCKids

easy, fast & fun

Instructions for installing the BLOCKids children's climbing wall onto interior walls

(more information at https://youtu.be/xMF2M_9c5Pw)

List of individual components *):

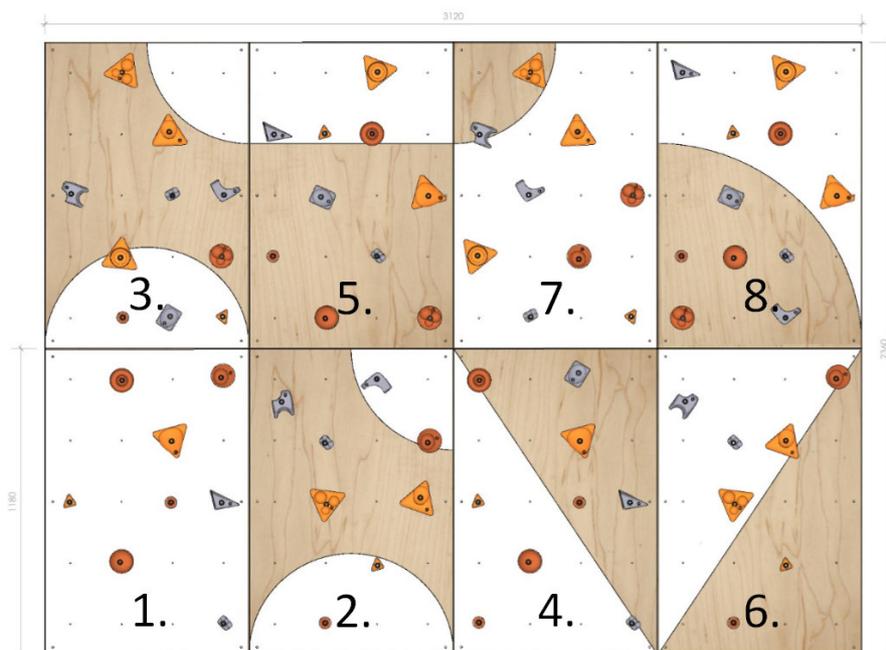
1. BLOCKids Climbing boards, size 118 * 78 cm
2. BLOCKies Climbing holds manufactured by VirginGrip s.r.o.
3. M10 screws with cylindrical heads for installation of climbing holds, hexagon socket
4. Uni screws ZH Torx 40, 120 * 80 mm
5. Fischer DuoPower dowels 10 * 80 mm

**) The number of individual components varies according to the type of BLOCKids set ordered - see the packing list enclosed with the order*

Installation of the BLOCKids climbing wall

1. Installation of BLOCKids boards

Install each BLOCKids board in the order shown in the figure below. The order depends on the number of boards ordered in the BLOCKids set:

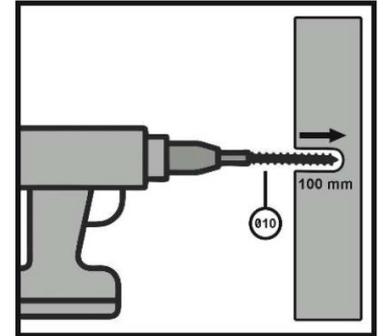


- *Positioning:*

One by one, place the individual boards against the wall at the required height from the ground (maximum 20 cm above the ground). The lower edge of the board can also be placed directly on the floor or on the ground. Mark the location of all 6 holes on each board on the wall. When positioning, use a water level to make sure that the top edge of the board is level. Also make sure that the adjacent boards fit together well.

- *Drilling holes in the wall and placing the dowels:*

Drill the holes with a minimum depth of 100 mm into the marked points on the wall. Use a wall drill bit with a diameter of 10 mm, and always drill perpendicularly to the wall. Use a hammer to place dowels into the holes drilled in the wall. The Fischer DuoPower dowel can be installed in the following wall types:



- Concrete
- Full brick
- Solid sand-lime bricks
- Lightweight concrete
- Vertically perforated bricks
- Perforated sand-lime bricks
- Lightweight concrete hollow core panels
- Hollow brick and concrete ceilings, etc.
- Natural stone
- Solid blocks made of lightweight concrete

More information at <https://youtu.be/VydpYspoY8A>

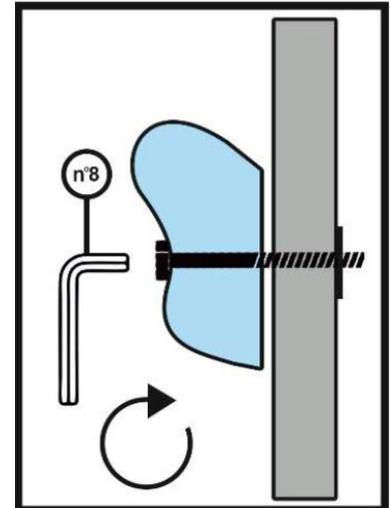
- *Attaching the boards to the wall*

Now place the boards against the wall and start installing them in the order shown above, using Torx 40 countersunk screws. Use a Torx L-key or a TX40 Torx bit to install the screws.

2. Installation of climbing holds on BLOCKids boards

The climbing holds supplied by VirginGrip come in a variety of sizes. We recommend placing smaller climbing holds in the lower part of the climbing wall as footholds and placing the other holds randomly at your discretion. Additional climbing holds can be ordered at www.virgingrip.com.

- Use the supplied M10 socket head cap screws to install the climbing holds. Each screw should protrude at least 5 mm on the other side when inserted into the hole of the climbing hold. Continue to install the holds using a hex key or an 8 mm hex key bit in the threaded anchors of the BLOCKids boards. Tighten each hold carefully so that it does not rotate. The setting torque for fixing the central screw when using a torque wrench should be 20-25 Nm.



3. Installation of accessories

- *Installation of BLOCKids ladder rungs*
Use the supplied M10 countersunk screws to install the ladder rungs. Perform the installation using a hex key or a 6 mm hex key bit. Install the ladder rungs horizontally in the pre-threaded BLOCKids boards.
- *Installation of BLOCKids impact mattresses*
Place the impact mattresses on the stop with the BLOCKids climbing wall. Place the mattresses on the floor with the patterned bottom sides rubberized with anti-slip treatment so that the velcros are facing upwards. Securely connect the individual mattresses with velcro so that the velcro prevents climbers' limbs from slipping between the individual mattresses, thus preventing possible injuries.

4. Recommended protective equipment

- Protection glasses
- Thin work gloves
- Safety shoes