

## **PLYWOOD Volumes**

### **Description :**

We produce our products according to DIN EN – 12572-3:2017. Wood climbing volumes are made of 18 mm plywood and friction texture, with special screw inserts instead of regular washers for installation. Some of them have a T-nuts installed with 2 set screws and for placing extra holds on it.

We use 2 kinds of texture for plywood volumes – one for indoor products and a second one for outdoor products. Indoor products maybe be used only indoor. Making own mechanic changes on the volumes is not allowed.

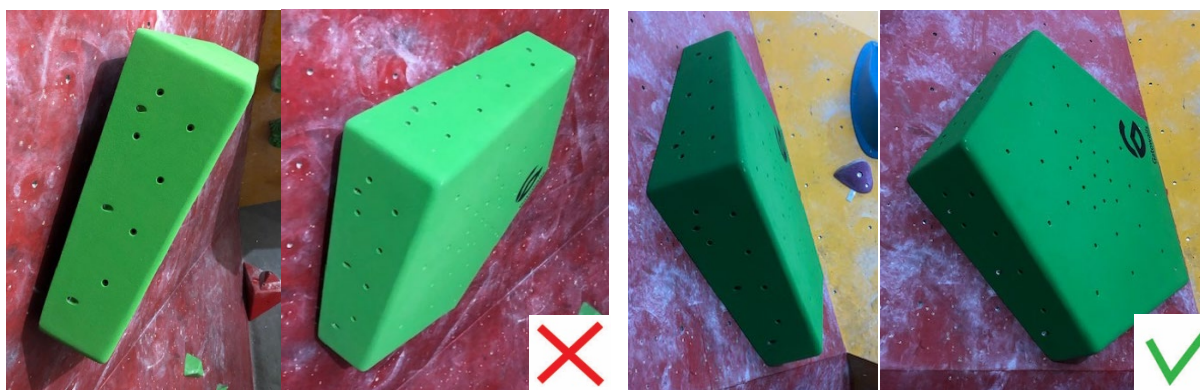
### **Cleaning :**

Recommended to clean with high-pressure power cleaner or brush. Power cleaner should be used with a minimum 25 cm distance from the product, with the water temperature under 50o. Handwash also in the water below 50o. The brush may have natural or synthetic hair, can not have metal hair. Chemicals can not be used. Use safety shoes and glasses when using the power machine, it may move or jump even heavy products when the pressure is high.

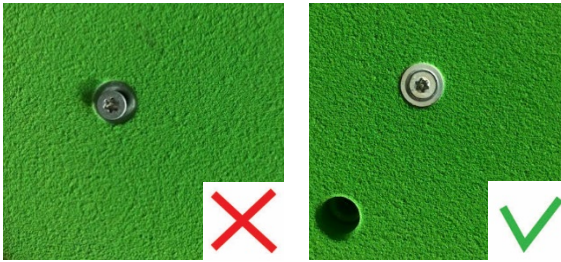
### **Assembly :**

Assembling may be done only by trained and competent people. All assembly holes should be used. Proper plywood board screw is:  $r = 4,5\text{mm}$  and at least 25 mm longer than the mounting hole (screw kind TX recommended). Every edge and base corner must fit well to the wall (see on the picture 1.). Do not place the volume using old holes in the wall. For route setters safety, volumes over 18 kg should be placed by 2 people, volumes over 30 kg should be placed by 3 people or from the lift.

Putting additional holds on the volume only by M10 bolts (not damaged). Picture 3.



Picture 1. All the edges and corners need to be well attached to the wall



Picture 2. Assembling screws have to be screwed to the stop



Picture 3. M10 bolts

### **Storage :**

The best storage conditions are in a dry place and room temperature ( between -10° and 40°) It may be storage covering each other if it fits – it needs a protective layer between.



Picture 4.

- \*Check if the volume is not damaged before placing it on the wall. Do not use damaged volumes (DIN EN 12572).
- \*Destroyed products should be disposed of following ecology and your country regulations.
- \*Non-compliance with the manual releases the company of liability.

### **GRP volumes**

#### **Description :**

GRP climbing volumes are made of fiberglass and polyester resin, covered with friction texture, with holes for installation by plywood board screws or both screws and bolt in one product. Some of Gatowalls GRP volumes have an extra t-nuts for placing additional holds on it. Installation holes are reinforced by metal washers. We use 2 kinds of texture for GRP volumes – one for indoor products and the second one for outdoor products. Indoor products maybe are used only indoor. Making own mechanic changes on the volumes is not allowed.

#### **Cleaning :**

Recommended to clean with high-pressure power cleaner or brush. Power cleaner should be used with a minimum 25 cm distance from the product, with the water temperature under 50°. Handwash also in the water below 50°. The brush may have natural or synthetic hair, can not have metal hair. Chemicals can not be used. Use safety shoes and glasses when using the power machine, it may move or jump even heavy products when the pressure is high.

#### **Assembly :**

Assembling may be done only by trained and competent people. All assembly holes should be used. Proper plywood board screw is  $r = 4,5\text{mm}$  and at least 25 mm longer than the mounting hole (screw kind TX recommended). Every edge and base corner must fit well to the wall (see on the picture 1.). Do not place the volume using old holes in the wall. For route setters safety, volumes over 18 kg should be placed by 2 people, volumes over 30 kg should be placed by 3 people or from the lift.



All the installation holes must be used (for screws and bolts as well).

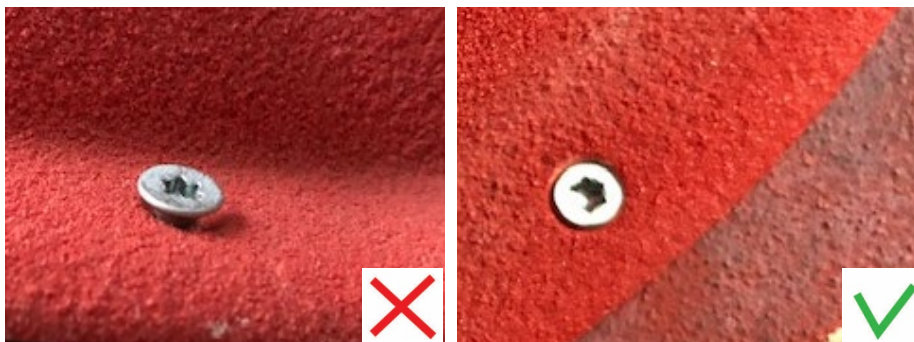
Volume installation by bolt or putting additional holds on the volume only by not damaged M10 bolts. Picture 6.



Picture 5. Whole edge needs to be well attached to the wall



Picture 6. M10 bolts



Picture 7. Assembling screws have to be screwed to the stop

### **Storage :**

The best storage conditions are in a dry place and room temperature (maybe between -10° and 40°) It may be storage covering each other if it fits – it has to have a protective layer between.



Picture 8.

\*Check if the volume or is not damaged before placing on the wall, do not use damaged volumes.

\*Destroyed products should be disposed of following ecology and your country regulations.

\*Non-compliance with the manual, releases the company of liability.

### **HOLDS**

#### **Description :**

Climbing holds are made of Polyester raisin or Polyurethane with fixation by M10 bolts and plywood board screws or only by plywood board screws. Making own mechanic changes on the holds is not allowed.

### Cleaning :

Recommended to clean with high-pressure power cleaner or brush. Power cleaner should be used with a minimum 25 cm distance from the product, with the water temperature under 50°C. Handwash also in the water below 50°C. The brush may have natural or synthetic hair, can not have metal hair. Chemicals can not be used. Use safety shoes and glasses when using the power machine, it may move or jump even heavy products when the pressure is high.

### Assembly :

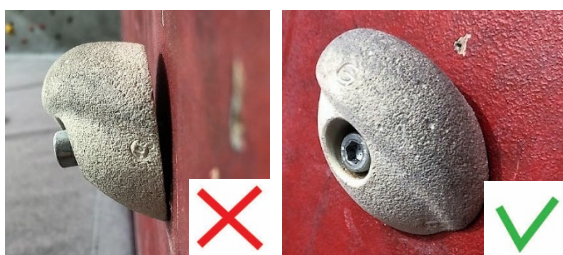
Assembling may be done only by trained and competent people. All assembly holes should be used. Proper plywood board screw is  $r = 4,5\text{mm}$  and at least 25 mm longer than the mounting hole (screw kind TX recommended). Every edge and base corner must fit well to the wall (see on picture 9. And 10.). Do not place the holds using old holes in the wall.



Picture 9. All the edges need to be well attached to the wall



Picture 10. All the edges need to be well attached to the wall, assembling screws have to be screwed to the stop



Picture 11 . Assembling bolts have to be screwed to the stop





Picture 12. Use only not damaged M10 bolts.

### **Storage :**

The best storage conditions is in dry place and room temperature (may be between -10° and 40°).



Picture 12.

\*Check if the hold is all right before placing on the wall, do not use damaged holds (DIN EN 12572-3:2017).

\*Destroyed products should be disposed of following ecology and your country regulations.

\*Non-compliance with the manual releases the company of liability.