

Safety Data Sheet Macros

General information

Compliance with the safety data sheet is a basic requirement for the safe use and long lifetime of Blocz-produced products. The macros correspond to DIN EN 12572 2017. Use is only allowed in combination with climbing walls and products according to DIN EN 12572. Installation may only be carried out by trained and competent personnel. Blocz products are intended for indoor use. Outdoor use will reduce the lifespan of the macros and lead to increased wear and tear on the materials. Therefore, such use is at your own risk. Changing the volumes and handles yourself or using them improperly is not allowed and will result in Blocz being excluded from liability.

Macros

Storage

- Dry and ventilated
- Temperatures between -20°C and 40°C, optimally at room temperature
- Macros are stackable, separated by an appropriate intermediate layer (cardboard, fleece, etc.) (see figure 1)



Fig 1 Macro stack with interlayer

Mounting

- Only by trained and competent personnel
- All specified attachment points (see Figure 2) must be used
- Fixing must be done in undamaged wood (no old screw holes)
- Fastening only with chipboard screws with CE marking ("building inspectorate approval")
 - 4.5x25mm or longer
 - The thread must completely penetrate the climbing wall
 - countersunk
 - Partial or full thread without milling shank
 - **Tightening torque 5-10Nm**

Note: Each chipboard screw is only allowed for one-time use!

- the contact surface must be leveled and the contact must be full-surface (see Figures 3 and 4)
 - *the Macros cannot be installed on concave or convex wall surfaces!*

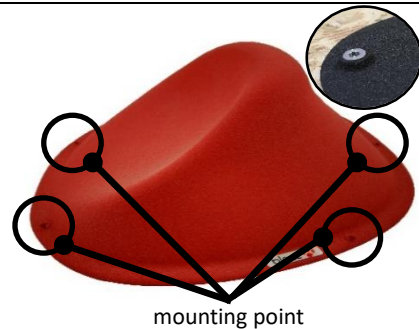


Fig 2 mounting point

- Placement in the line of the rope at climbing walls is not advantageous - *Damage to the macro and rope possible!*
- Check for any assembly damage (e.g. cracks,



sharp edges); if there is damage, the macro must be replaced immediately - *risk of injury!*

Fig 4 attachment to a concave wall

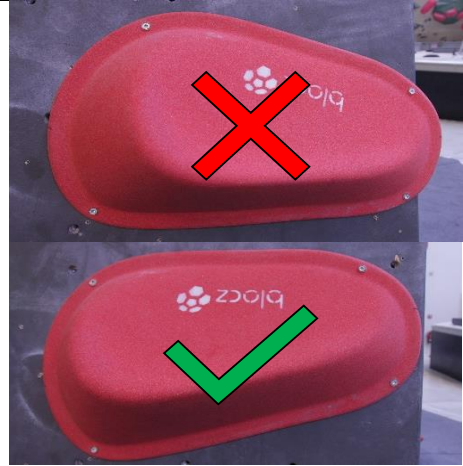


Fig 3 Attachment to the wall

Mounting of holds

- holds can be attached to Macros with chipboard screws under the following conditions:
 - To stabilize the substructure, there must be an additional reinforcement that has at least the strength properties of **13-layer 18mm birch multiplex**
 - The distance from the screw hole to the edge in the reinforcement layer must be at least 1cm from the edge (fig 5)
 - holds must lie **flat to the macrosurface**
 - Reinforcement layer must lie flat
- Mounting additional volumes and macros on the macros is not allowed

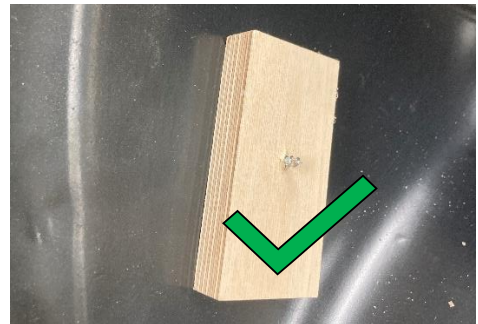


Fig 5 correct use of reinforcement layer

Cleaning

- Wear appropriate protective clothing - Cleaning with water or grip cleaner in the usual dosage such as climbing holds
- When cleaning with high pressure, make sure that there is sufficient distance between the macro and the nozzle (at least 30 cm) and that the water pressure is appropriate

Tip: Before cleaning, wet the surface with water or a cleaning solution and leave it to work for 5 minutes

Maintenance/Disposal

In order to ensure safe use of the macros, regular checks must be carried out in accordance with DIN EN 12572 (before each use, at least once a year). Damaged macros must be replaced immediately.

Independent maintenance or repairs are not allowed and will result in Blocz being excluded from liability. Repairs and maintenance work are possible, please contact Blocz.

If the surface is worn down, the lifetime can be easily extended, e.g. by using a DIY upcycling kit. The earth thanks you 😊.

At the end of their lifetime, the macros can be disposed of in accordance with local regulations.

