

Safety Data Sheet

General notes

Compliance with the safety data sheet is a basic requirement for the safe use and long lifetime of Blocz-produced products. The holds comply with DIN EN 12572 2017. Use is only allowed in combination with climbing walls and products according to DIN EN 12572. Assembly may only be carried out by trained and skilled personnel. Blocz products are intended for indoor use. Outdoor use will reduce the life of the holds and lead to increased wear of the materials. Therefore, such use is at your own risk. Independent modification of the holds, or their improper use, is not valid and will result in exclusion of liability by Blocz.

Holds

General

The holds are intended for indoor use. Exposure to UV rays may cause colour changes and material deterioration.

Storage

- Dry and ventilated (e.g. in Euroboxes, see Fig. 1).
- Temperatures between -20°C and 40°C, optimally at room temperature



Fig 1 storage holds

Mounting

- Only by trained and skilled personnel
- In principle, all fastening points must be used to ensure the transmission of force from the hold to the wall and to fasten the hold flat to the wall even under load

For holds with M10 main fastening and anti-rotation device

- Main fastening by M10 screw according to DIN 912, strength class 8.8 (see Fig. 2)
- Tightening torque **min. 20Nm, max. 40Nm**
Note: The use of an impact wrench can generate a torque significantly higher than 100Nm - damage to the hold and the fastening cannot be ruled out!
- Anti-rotation by means of a chipboard screw (CE marking)
- **Tightening torque 5-10Nm**
- Only use undamaged M10 screws! (see picture 3)

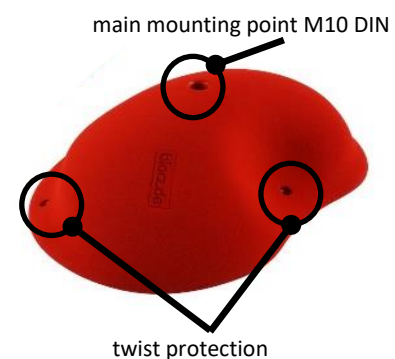


Fig 2 mounting points



Fig 3 damaged M10 screws

For holds without M10 main fastening

- Main fastening by means of chipboard screws
- **All fastening** points must be used!
- If an M10 fastening point is available, this must also be used with a chipboard screw and an appropriate form-fit adapter (e.g. "Ringo").

- Anti-twist or main fastening for holds without M10 main fastening only with chipboard screws with CE marking ("building authority approval")
 - 4.5 mm diameter, length according to the holds
 - Thread must completely penetrate climbing wall
 - countersunk head
 - Partial or full thread without milling shank
 - **Tightening torque 5-10Nm**

Note: Each chipboard screw is only allowed for a single use!

- Contact surface to the wall must be even and the contact must be full-surface (see Fig. 4 and 5) - Mounting of the holds on concave or convex wall surfaces is only possible to a limited extent!
- Placement in the line of the rope at climbing walls is not useful - *damage to the holds and rope possible!*
- Check for possible mounting damage (e.g. cracks, sharp corners), in case of damage replace holds immediately - risk of injury!

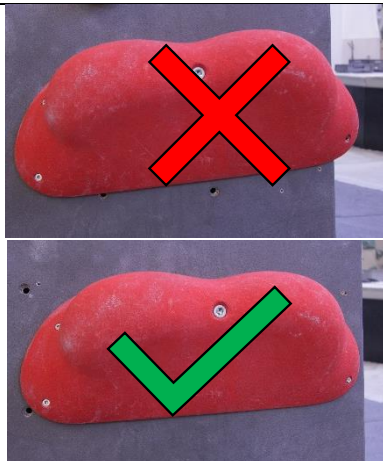


Fig 4 mounting to the wall



Fig 5 improper fastening to a concave wall

Cleaning

- Use appropriate protective equipment!
- Clean with water or handle cleaner in the usual dosage as specified by the manufacturer.
- Do not clean holds above 50°C
- When cleaning with high pressure, ensure sufficient distance between hold and nozzle (min. 30cm) and appropriate water pressure - beware of holds flying around!
- Extensive and prolonged contact with aggressive cleaning solutions can damage the materials or lead to colour deviations - only use approved hold cleaners

Maintenance/Disposal

To ensure safe use of the holds, **regular checks** must be carried out in accordance with DIN EN 12572 (before each use, at least 1x per year). Damaged holds must be replaced immediately - risk of injury!

Independent maintenance or repair is not allowed and leads to exclusion of liability by Blocz. Please contact Blocz for repairs or maintenance.

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

At the end of their life, the handles can be disposed of according to local regulations.

