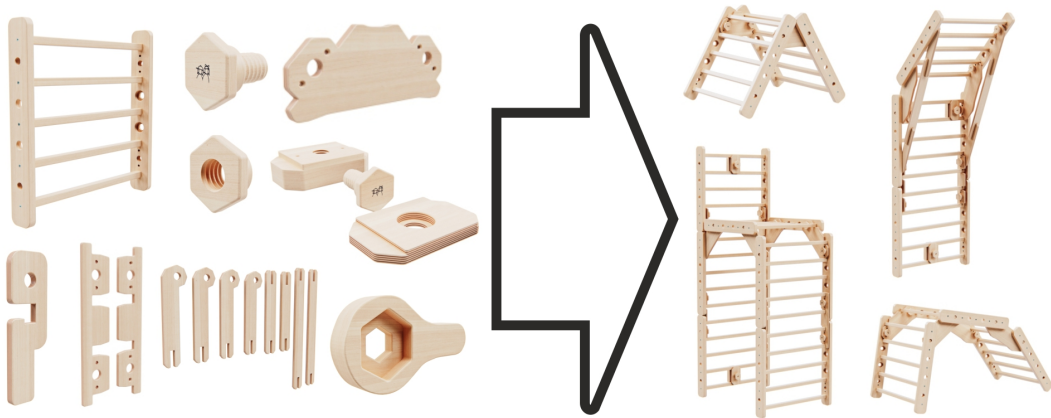


What is climbing frame Faber

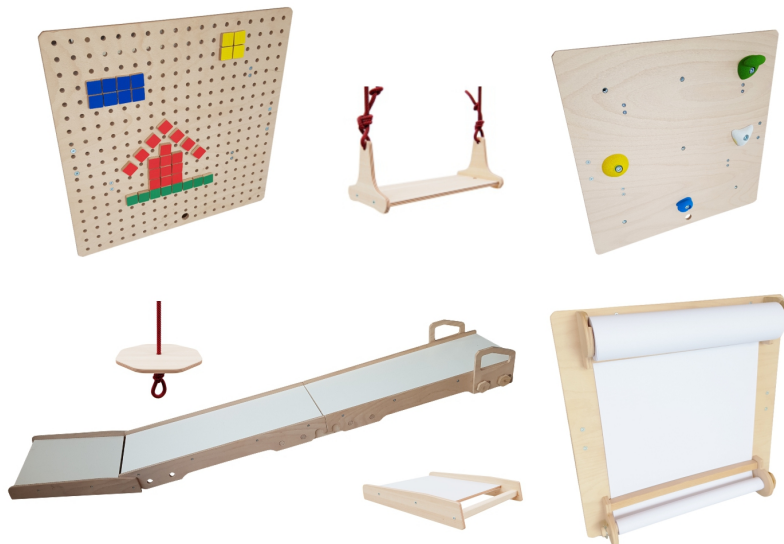
Faber climbing frames are a variable gym for the whole family. You can build many different climbing structures (buildings) inside your house or in the apartment or in the garden. Faber grows with your children. Gradually, you can expand your set of parts with additional parts and accessories, according to the current needs of the family. You can enhance the climbing frames with accessories: balance boards, inclined planes and other elements.

Faber can be split as follows:

1. Building parts, to build bare structures/projects:



2. Accessories, that can enrich the bare structures with various elements:



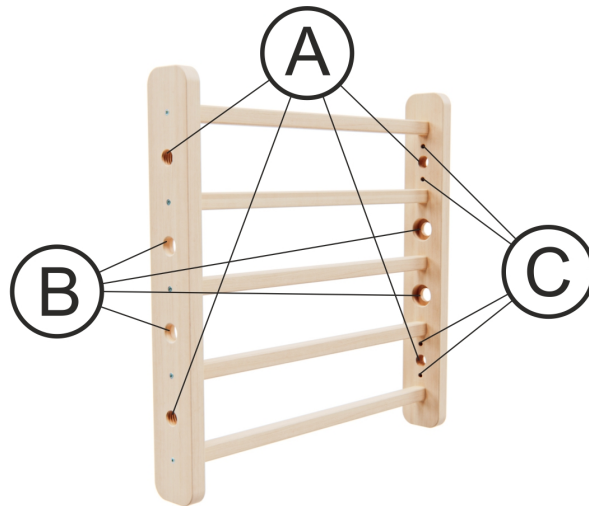
Building parts

How to build a construction

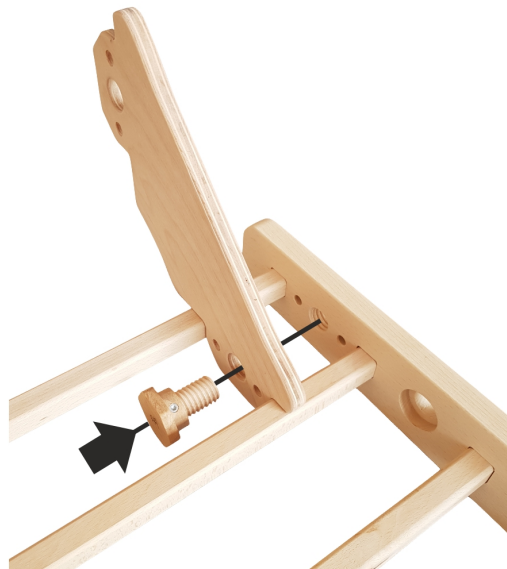
The basic building component of the Faber climbing frames is the Panel.

Panel description:

- A** - threaded holes for direct mounting of the **bolt**,
- B** - holes without thread for mounting with **bolt** and **washer**,
- C** - holes for **reinforcing pin set**



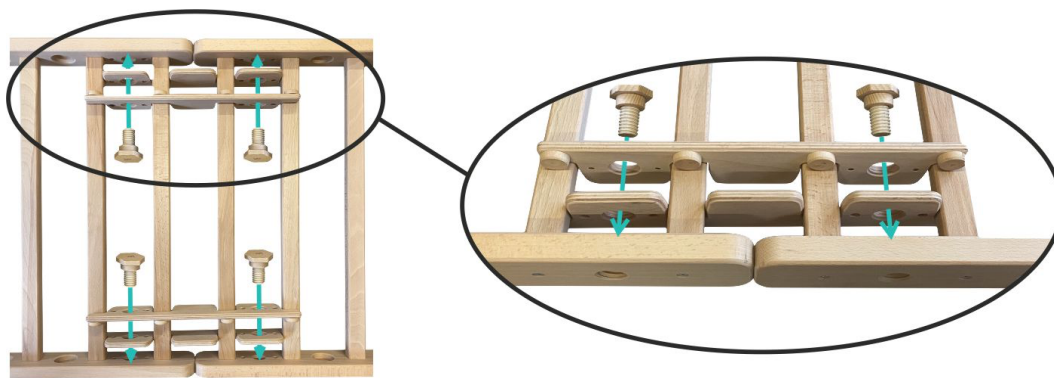
It has a total of four screw holes at the ends. These threaded holes serve to fasten the connectors. Only bolts without washers are sufficient for this connection. **Insert the connector from the inside of the panel as well as the bolts for fastening the connector, as shown below:**



Into the threaded holes goes:


bolt  connector T1 , T2 , T3  and E1  Attention this connector consists of two counterparts. Never use only one part of this connector!!!

Here you can see how the **E1 connector** is installed:



You can find the video instructions here: <https://youtu.be/3Fz83QgE2ug>

E1 connector connects **two panels** together (above each other). One **connector** consist two parts. To connect **two panels** you will need one pair of **E1 connectors**.

You can reinforce all joints made with these **connectors** with a **set of pins** . They eliminate clearances at the joint and prevent the **bolt** thread from squeezing under long-term and high joint loads. Here are how to install the **connectors** with a **set of pins**:

ATTENTION: It is not mandatory to use pins, those are rarely used/required.




Wherever the gap between two panels is bigger than **89 mm** you must use **wooden rod with cotters**. The rod is inserted to any of **T1, T2** or **T3 connector**.




When combining those **connectors** with Faber panels you can build following projects:




Basic constructions can be **expanded** and **connected** in various ways. This is done by the **four holes located in the middle of the panel**. The holes are thread-less and are used to connect panels side by side,

or are for corner C1 connector. 
You need both **bolts** and **nuts** to make such connections.

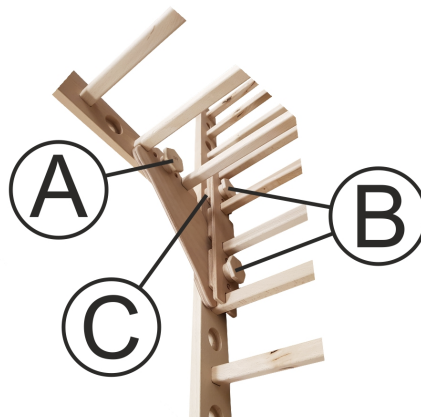


The panels or the buildings themselves can be interconnected with **stainless steel rods** , which can also be installed into the holes without a thread using a **nut** on each side. The **stainless steel rod** basically replaces the **panel**.

Some more complex constructions require overlapping of two **connectors**. For example, **T2** over **E1**, or **E1** over **H1** and other combinations. In these cases you will need a wooden **bolt 50** 

On the below picture is shown how the overlapping of **two connectors** is done: **A** - bolt 35, **B** - bolts 50, **C** -

washer  



Other construction parts



S1 connector serves to erect only one **panel** in open space. You will need **2 x bolts 35**, **2 x bolts 50** and **2 x nut** to install these connectors on the **panel**. To tilt the panel, just loosen **2x bolts 35**. While in use, all screws and nuts must be always tight.



F1 connector deal with floor plinth.



H1 connector reinforces **trapeze**.



With **W1 wall connector** you can attach buildings to the wall with the speed of light.

Assembly of W1 connector

You can find the video instructions here: <https://youtu.be/3-VgSRY1sk>

First of all you need to find out what material is the wall on which you plan to install the Faber made of. Based on this you can choose one of three types of wall mounting kits for **W1 connector** in our eShop:



For wood



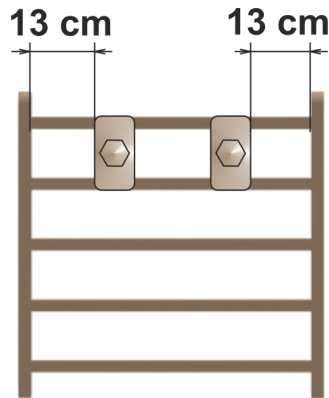
for brick



for plasterboard

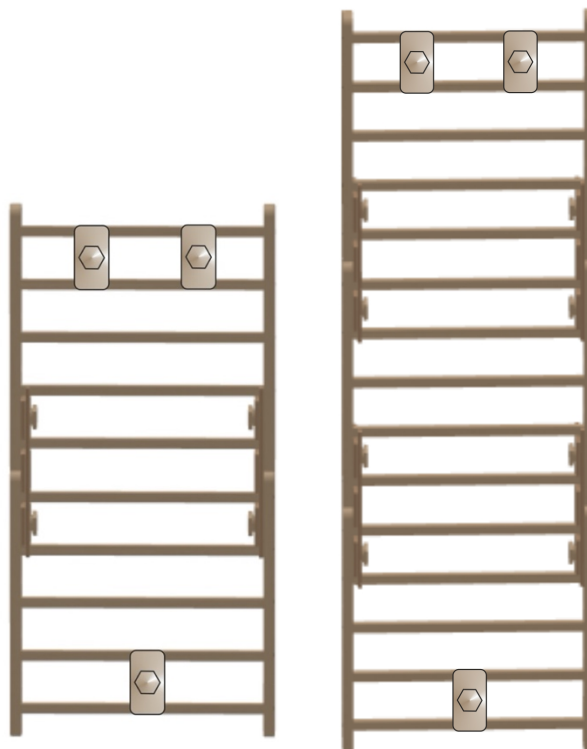
If you have a problem attaching objects with similar wall plugs to your walls, or want to mount Faber climbing frame, for example, on the wall that has been insulated with polystyrene, take the **W1 connector** and consult your nearest specialist shop for fasteners or consult your dealer in every good hardware store.

If you are installing 2 pieces of **W1 connector** side by side for only one **panel**, please make sure you keep 13 cm between the inner part of the **panel** and the edge of the **W1 connector** as shown on the picture below:



If you do not follow this recommendation, you will limit the options/accessories to be installed on the **panel**.

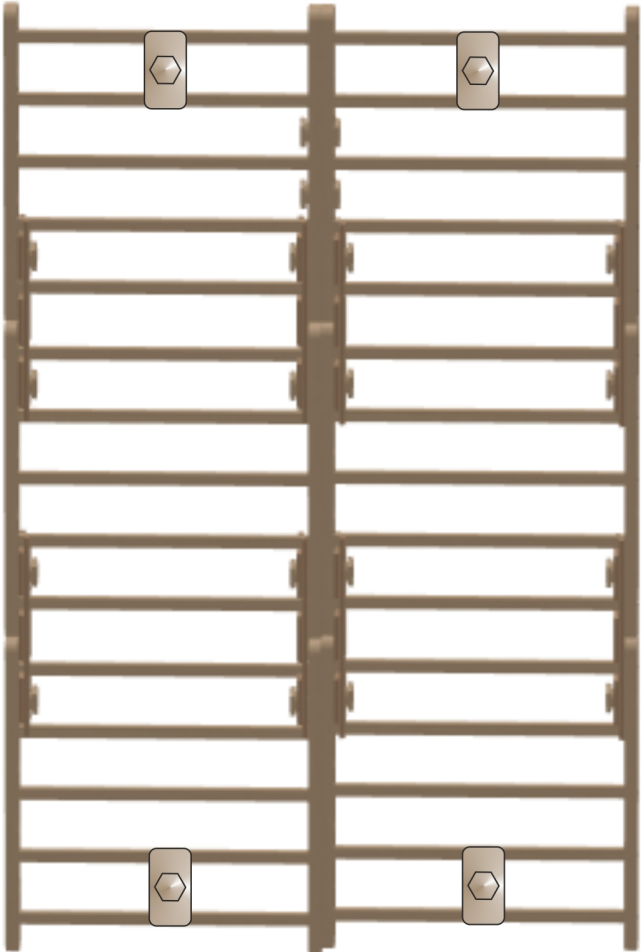
For buildings on the wall, we recommend 2 pcs of **W1 connector** (up) and 1 pce (down) as shown on the picture below:



For big four-panel constructions, we recommend placing **W1 connectors** as shown below:



For constructions connected to each other we recommend to place **W1 connectors** as shown below:



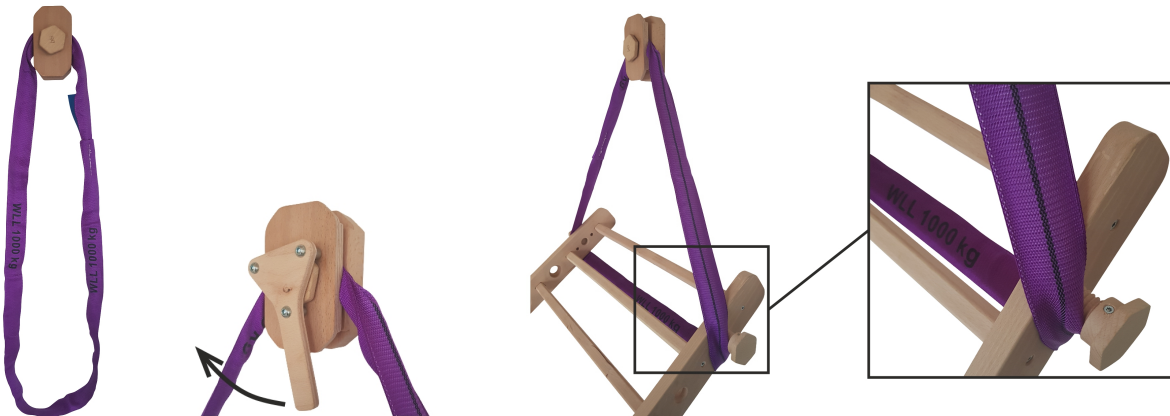
If you are not sure how or where to place W1 connectors in the best possible way for your construction, send us an email, we will be happy to help.






The **strength strap** is used to tilt two, three or four **panels** connected by **E1 connectors** at an angle to the wall. On the wall, the **strength strap** hooks into the **W1 connector**, which must always be tightened to fix **strength strap** as tight as possible. On the side of the **panel**, the **strength strap** is hooked into the **bolts 50**, which must be screwed 2 to 2.5 cm into the thread in the panel.

The first option is to tie the **strap "full-length"**, as shown on the pictures:



The second option is to tie the **strap "half-length"**, as shown on the pictures:



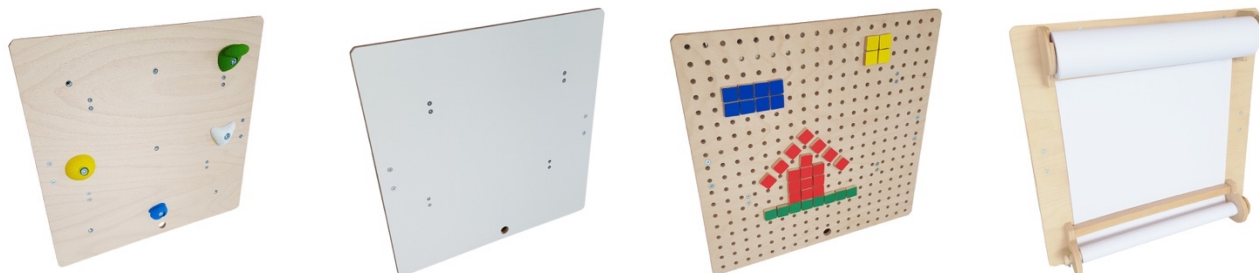
For easy tightening and loosening of **bolts** or **nuts** you will need a wooden **key** . Tighten the **bolts** with gentle over-pressure. In most cases you can tight the **bolts** by hand but to loose the **bolt** you will need a **key**.

Accessories

Add some accessories to quickly and easily enhance your projects.


For example a **climbing board**, **whiteboard**, **plug and play board** or an **endless paper** can be attached to each panel with a blink of an eye.

Plug and play board must be placed in a way when the **top line is no higher than 100 cm from the floor**.



Climbing board - for safety reasons, it is necessary to **place blind screws** in the holes where no climbing stones will be installed.





If you want to put the board in a non-standard position and the metal **spacing pins** interfere with the board , you can just remove them.

Always make sure that the board hangs on all **four hooks** and those are fully engaged with the **panel rods**.

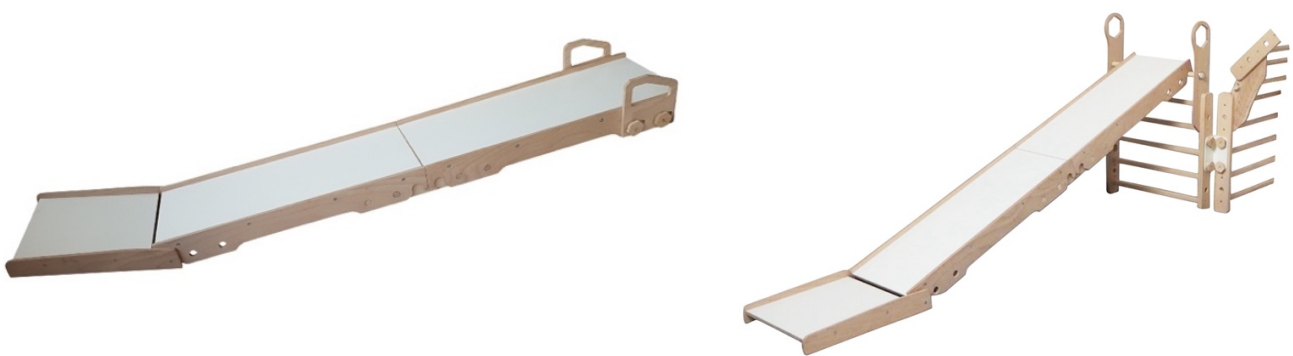


The **inclined plane** can be also used as a counter, table, bridge or as an inclined surface to exercise with your own weight. The **inclined planes** can be interconnected, increasing their length. To do so you need 1 x **SL1 connector** and 8 x **bolts 35**. You can find out more about the load capacity of the connected **inclined planes** in the load capacity section.



The **inclined plane** can be improved with the inclined plane **ending**  and small **M1 handles**  (those are, at the same time, used as a safety feature to avoid potential **plane** disconnection) or large

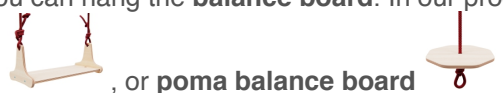
M2 handles. 



The small **M1 handles** should be turned so that the circular part under the bolt head fits into the circular hole (shown under the letter A). By placing the small **M1 handles** correctly, you will prevent the inclined plane from being unintentionally pulled out of the panel. The hooks on the handles act as a locking system (shown under the letter B)

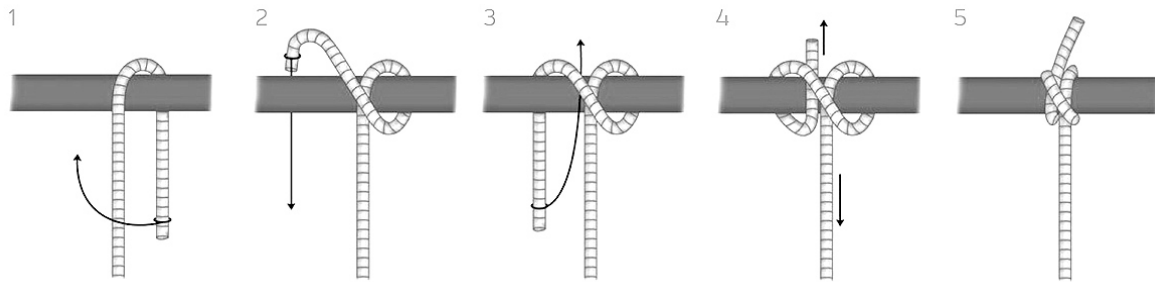


Where appropriate and safe, you can hang the **balance board**. In our product range you can find **classic**



Make sure that the structure on which the balance board is installed is stable and that there is no risk of tipping over. The balance board can only be installed by an adult, who then checks the proper installation by testing the balance board himself.

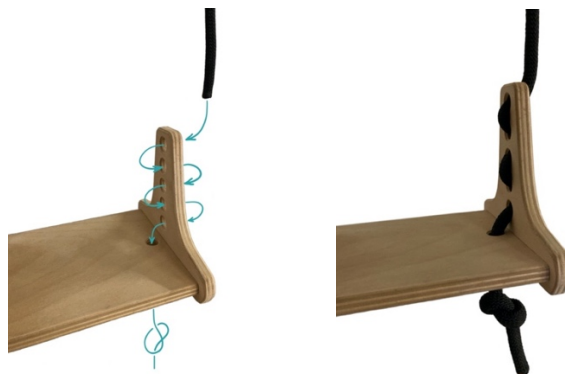
Use only the following knot (clove hitch) to tie the top of the rope behind the bars.



Adjust the length of the rope so the balance board is **at least 35 cm** above the floor. Before use, tighten the knot properly and make a simple locking knot on the loose end of the rope:



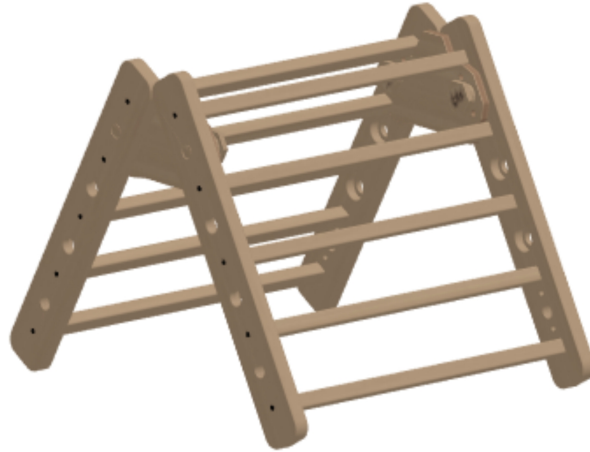
To connect the balance board follow the picture below. The principle of five holes also serves as a simple and quick adjustment of the height of the swing. The lower knot only serves as a safety device against pulling out the rope:



Instructions of basic constructions

Pikler triangle - small

List of building parts: 1 x panel, 2 x T1, 4 x bolt 35
Load bearing capacity: 180 kg



Pikler triangle - medium

List of building parts: 4 x panel, 2 x T1, 4 x E1, 12 x bolt 35
Load bearing capacity: 100 kg



Bridge - small

List of building parts: 3 x panel, 4 x T2, 8 x bolt 35
Load bearing capacity: 200 kg



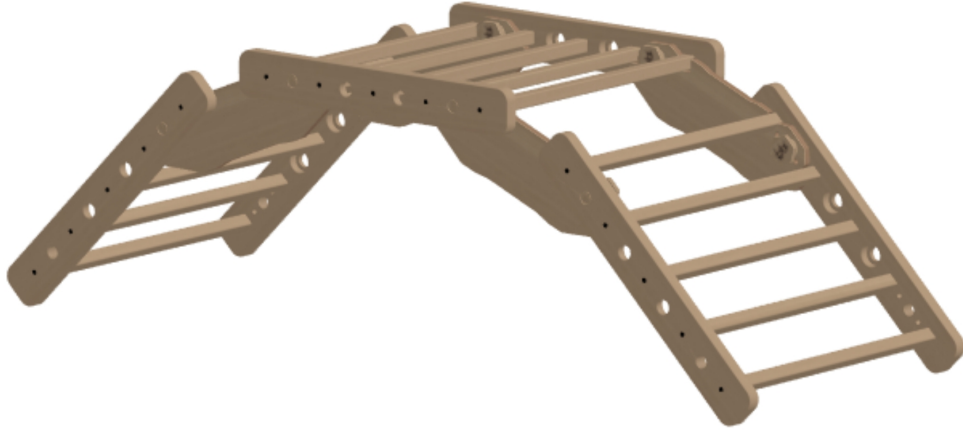
Bridge - medium

List of building parts: 4 x panel, 4 x T2, 2 x E1, 12 x bolt 35
Load bearing capacity: 120 kg



Horse - small

List of building parts: 3 x panel, 4 x T3, 8 x bolt 35
Load bearing capacity: 80 kg



Horse - medium

List of building parts: 4 x panel, 4 x T3, 2 x E1, 12 x bolt 35
Load bearing capacity: 80 kg



House - small

List of building parts: 4 x panel, 4 x T3, 2 x T2, 12 x bolt 35
Load bearing capacity: 120 kg



Dancing house - small

List of building parts: 4 x panel, 2 x T2, 2 x T3, 2 x E1 12 x bolt 35
Load bearing capacity: 100 kg



Mountain - small

List of building parts: 4 x panel, 6 x T3, 12 x bolt 35
Load bearing capacity: 80 kg



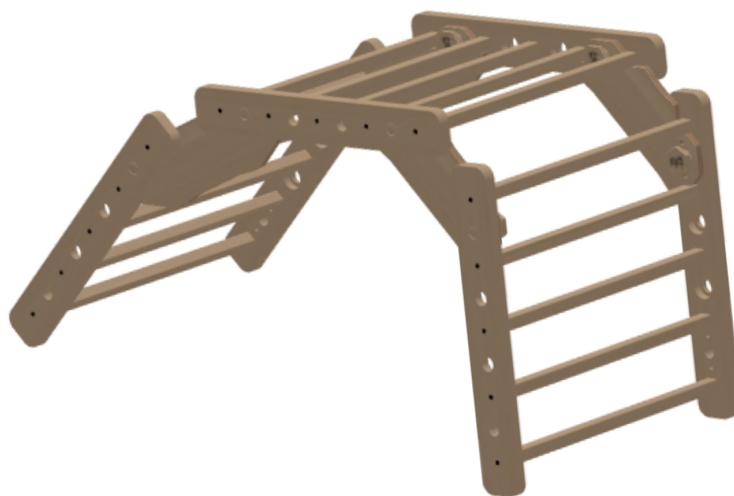
Mountain - medium

List of building parts: 5 x panel, 8 x T3, 16 x bolt 35
Load bearing capacity: 80 kg



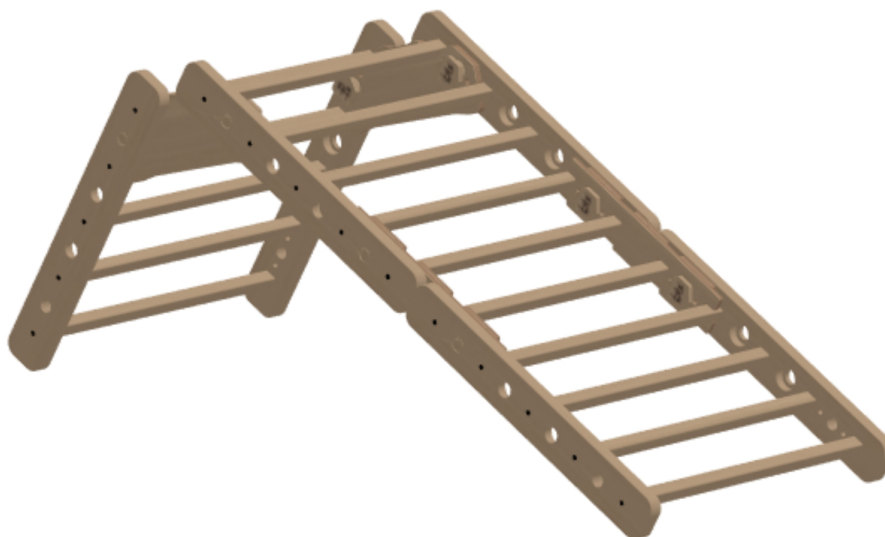
Panther - small

List of building parts: 3x panel, 2 x T2, 2 x T3, 8 x bolt 35
Load bearing capacity: 100 kg



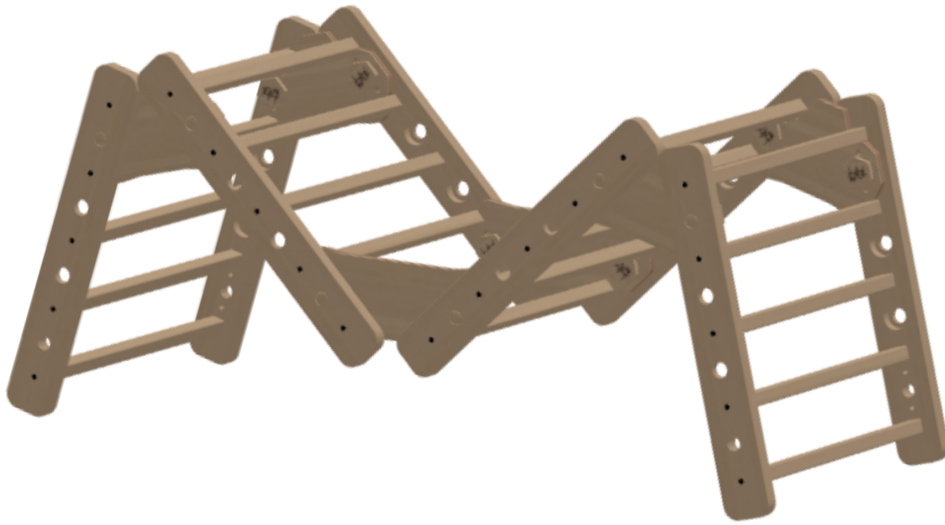
Lucky devil (push ups) - small

List of building parts: 3 x panel, 2 x T2, 2 x E1, 8 x bolt 35
Load bearing capacity: 100 kg



Spider - small

List of building parts: 4 x panel, 4 x T1, 2 x T2, 12 x bolt 35
Load bearing capacity: 100 kg



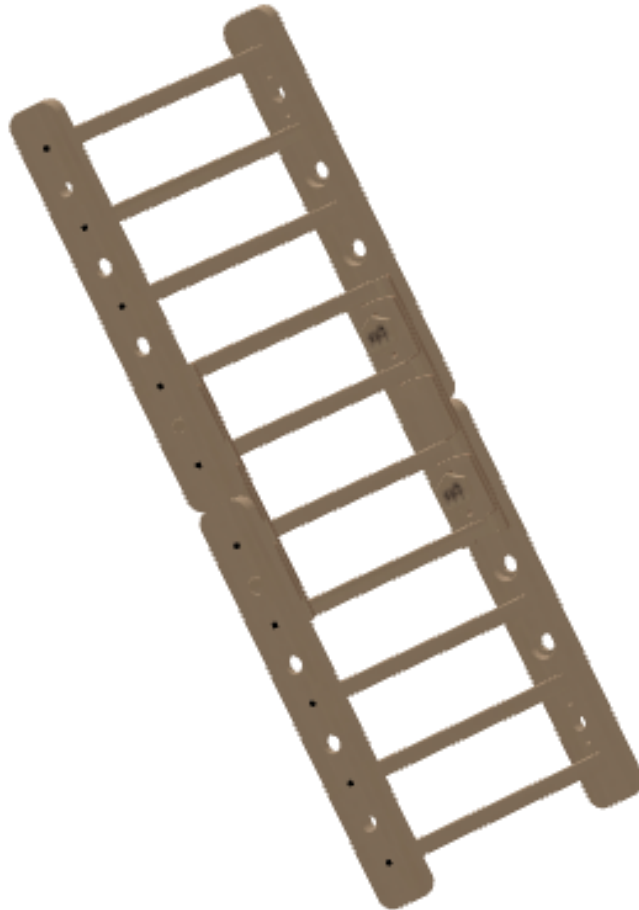
Wall bars - small

List of building parts: 2 x panel, 2 x E1, 1 x W1, 4 x bolt 35
Load bearing capacity: 150 kg



Wall bars (tilted) - small

List of building parts: 2 x panel, 2 x E1, 1 x W1, 4x bolt 35, 2 x bolt 50, 1 x strength strap
Load bearing capacity: 120 kg



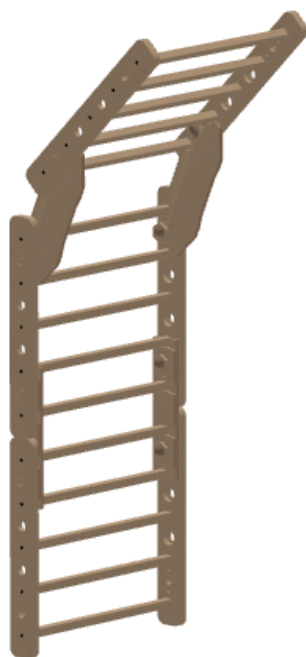
Wall bars with T2 trapeze - small

List of building parts: 3 x panel, 2 x T2, 2 x E1, 3 x W1, 8x bolt 35
Load bearing capacity of trapeze **without H1 brace is only 15 kg!!!**
Load bearing capacity of trapeze **with H1 brace: 70 kg**



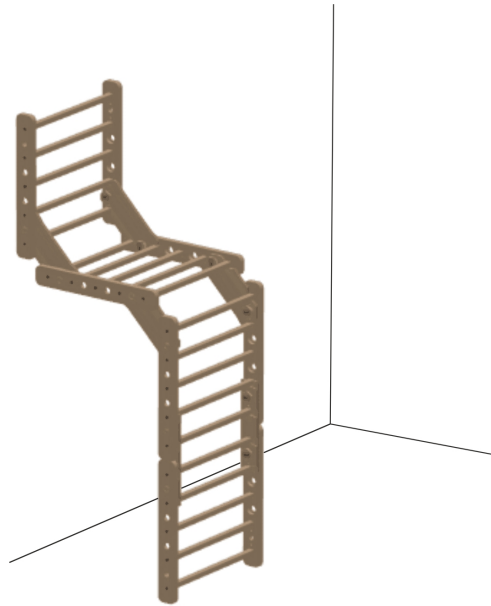
Wall bars with T3 trapeze - small

List of building parts: 3 x panel, 2 x T3, 2 x E1, 3 x W1, 8x bolt 35
Load bearing capacity of trapeze **without H1 brace is only 15 kg!!!**
Load bearing capacity of trapeze **with H1 brace: 70 kg**



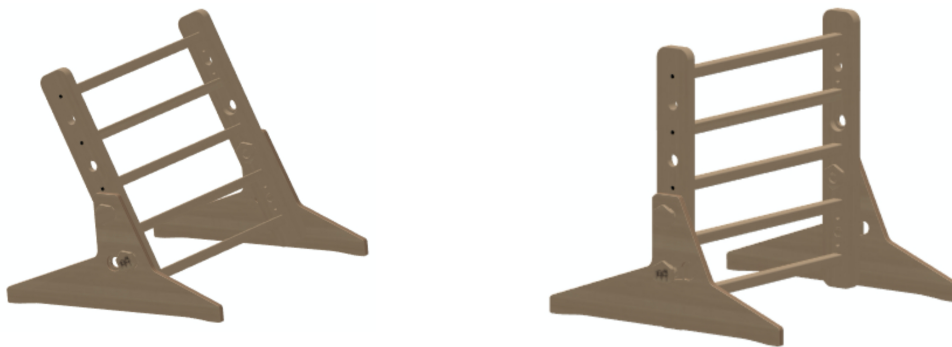
Cliff - small

List of building parts: 4 x panel, 4 x T2, 2 x E1, 2 x W1, 12x bolt 35
Load bearing capacity: 120 kg



Panel in open space - small

List of building parts: 1 x panel, 1 x S1, 2 x nut 4 x bolt 35
Load bearing capacity: 120 kg

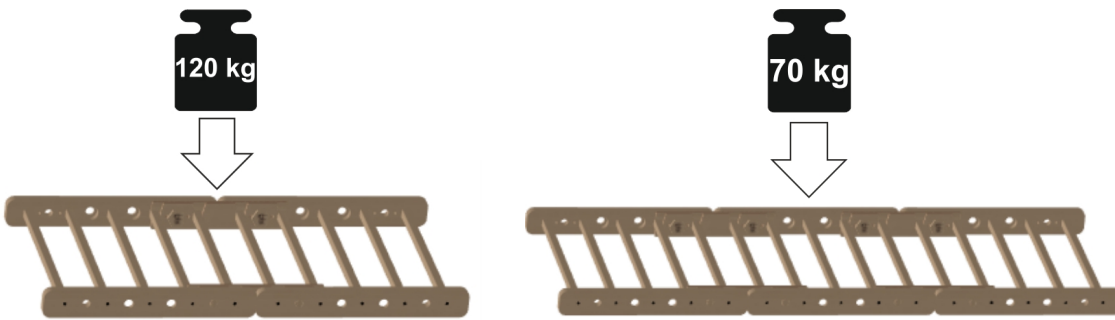


Load bearing capacity and stability

It is recommended to always follow common sense. Each building must be built under the supervision of an adult and also checked and tested. Each building must also carry an adult with an average weight.

The load-bearing capacities of individual basic constructions are described in the instructions.

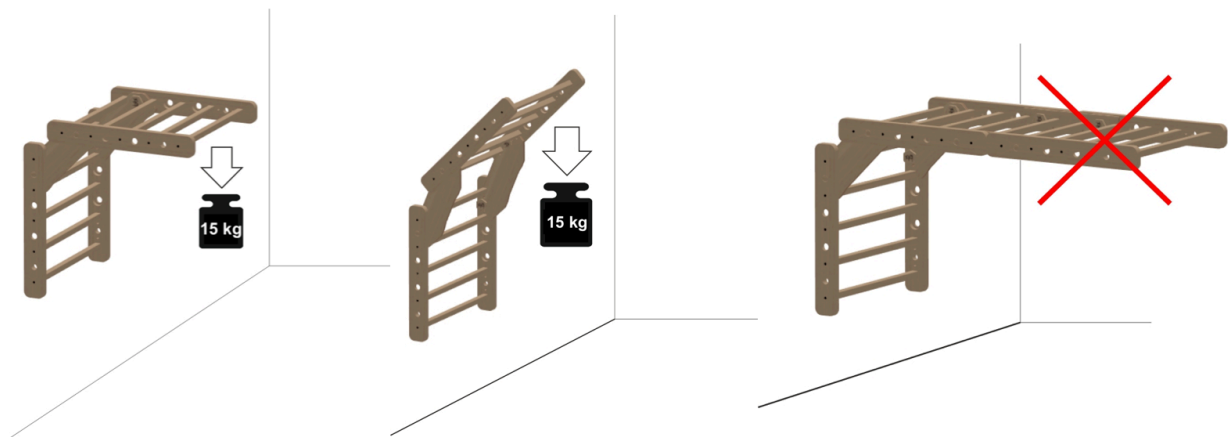
Do not connect more than **3 panels** horizontally:



For longer structures, **supports** shall be provided after every third **panel**:



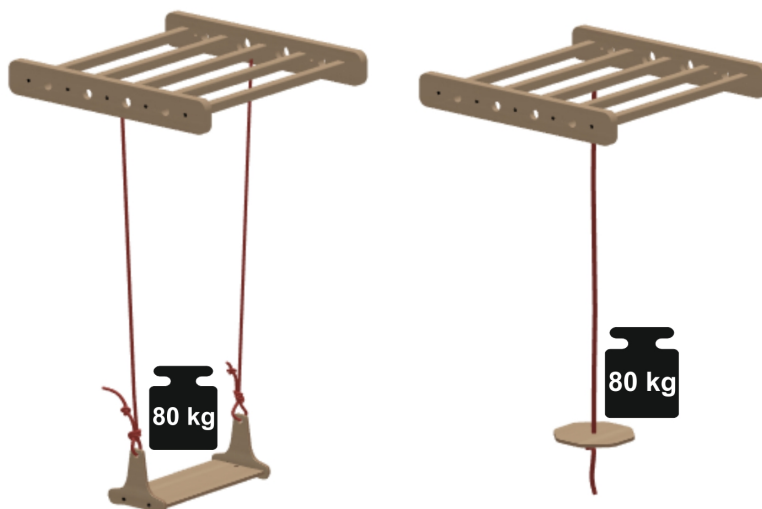
Trapeze assembly:



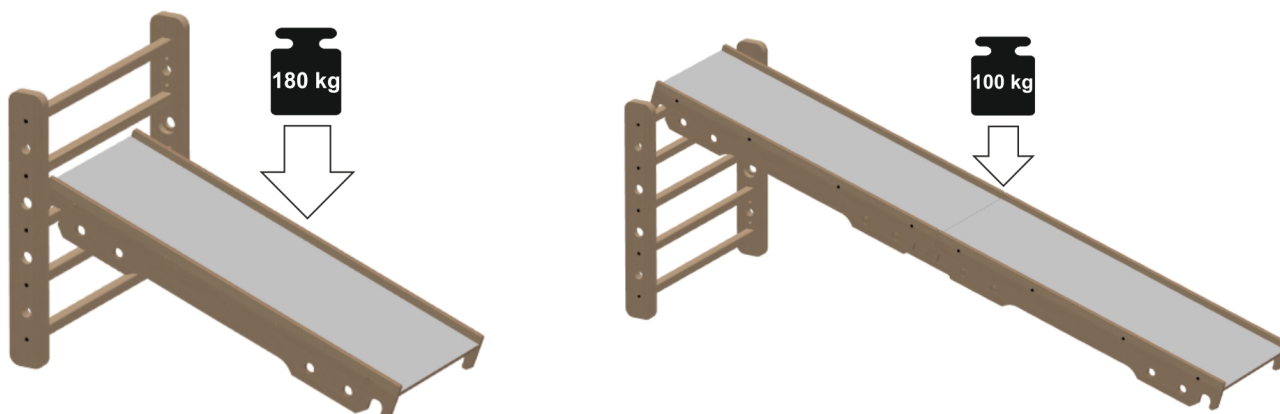
To increase load bearing capacity from 15 kg to 70 kg use **H1 braces**



Balance boards load bearing capacities:



Inclined planes load bearing capacities:



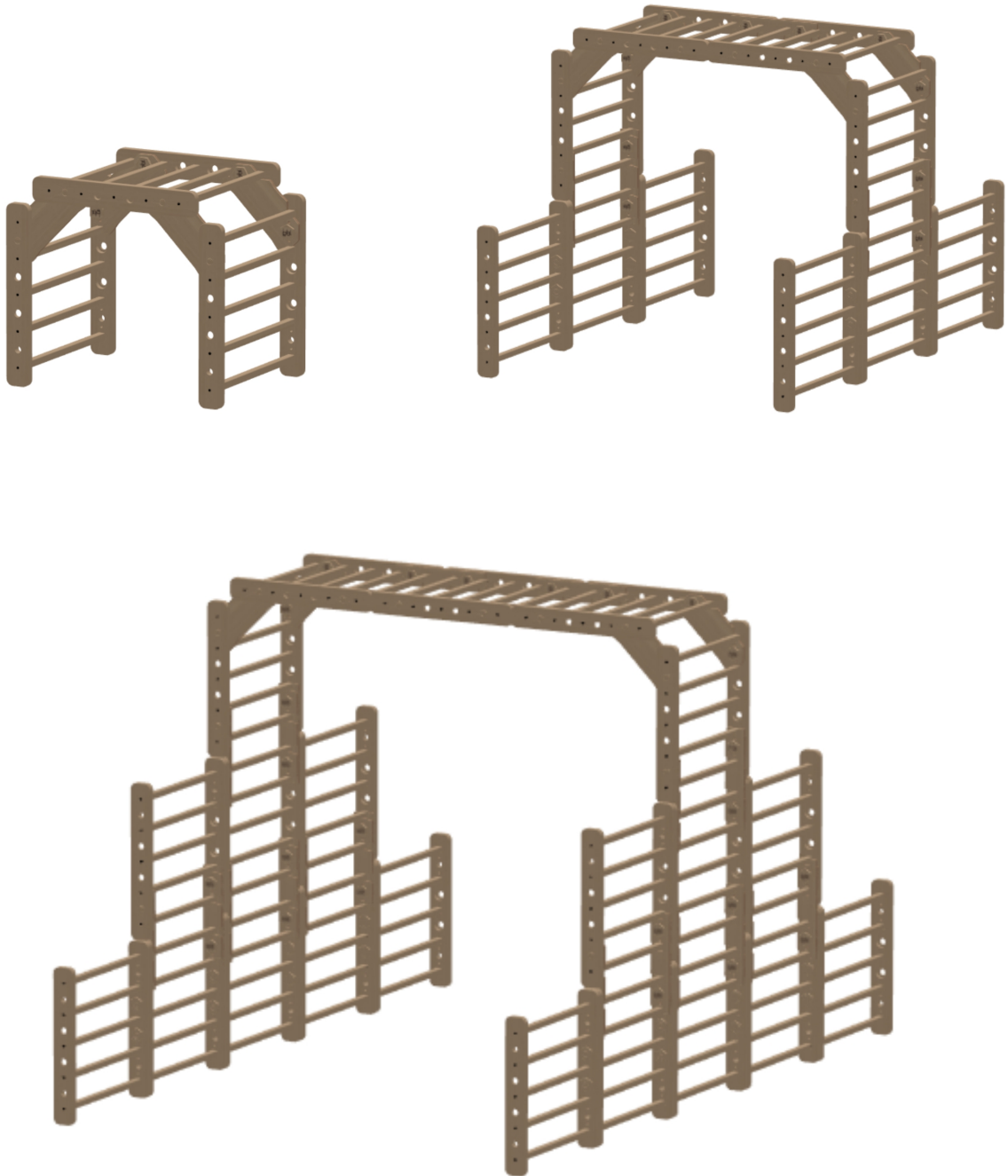
Do not connect more than 3 inclined planes. The load capacity is **reduced to 70 kg** when three inclined planes are connected.

For buildings in open space, it is extremely important to check their stability so that they do not flip over. Especially constructions that are equipped with a **balance board** or higher than one panel = **60 cm**.

In general following logic should be applied when creating the structure. Structure **1 panel** high should be **1 panel** wide. Structure **2 panels** high should be **3 panels** wide. Structure **3 panels** high should be **5 panels** wide.

Stainless steel bars are also suitable for building expansion.

Examples of properly built structures:



!!! HIGHER CONSTRUCTIONS ARE DANGEROUS, DON'T BUILD THEM !!!

Buildings that do not comply with this rule shall not be fitted with **balance board and climbing ropes** unless properly anchored to the ground or to the wall.

Maintenance

No special maintenance is required for Antonie & Emma products.

In case of common dirt please clean with a damp cloth

In the event of greater dirt, the parts can be lightly sanded with sandpaper with a grain size of 400 and finer.



You can buy such a **repair kit** in our eShop.

Finish for outdoor use

Surface treatment - Faber climbing frames for outdoor use should be treated only with Antonie Emma oil from our e-shop. In case of not following instructions (e.g. use of not approved oil) any claim will not be accepted.

When should I apply Faber oil?

- 1) If you plan to use the climbing frame outdoor.
- 2) If you want the climbing frame to be more dirt resistant.
- 3) if you want Faber to last not 50, but 150 years.

How to apply oil on Faber climbing frames:

- 1) Think about how much oil you need. Normally 50 ml of oil is required per panel OR for 10 pcs of different "T" connectors.
- 2) Do not forget to buy an oil kit in our eShop, where you will find everything you need, including cover paper.
- 3) Use brush to apply the first layer of oil and spread it thoroughly. Apply oil in all holes, including the threaded holes and make sure that there is no large amount of oil left in these areas (remove excess oil with a tissue, for example). Let the first coat dry in a well-ventilated room at the minimal temperature of 18°C for at least 5 hours before applying the second coat.
- 4) Apply the second layer in the same way as for the first layer. Allow to dry in a well-ventilated room for 24 hours. The oil will harden completely in the next ten days. We recommend that you wait before you start using oiled climbing frames. However, with precaution, you can use climbing frame 24 hours after the second coat.
- 5) For a smooth surface, we recommend to sand all parts with the sanding fleece provided in the oil kit.

Important information

- The product is designed for indoor use.
- Do not expose to excessive moisture, rain or water.
- Do not expose to temperatures below 10 ° C and above 50 ° C.
- The product must not be used for any purpose other than that for which it has been designed.
- Always use only original and compatible Antonie & Emma parts.
- All connecting elements must be tightened with sensitivity to a slight tension. Over-tightening of the the screw will lead to its destruction.
- All couplings must always be completely screwed in and tightened.
- The product must not be used if any of its parts is damaged.
- Structures from Antonia Emma products must be built according to the instructions (you can find them at www.antonieemma.eu/instructions)
- Use of any structure from Antonia Emma's products is at your own risk.
- Antonie & Emma s.r.o. accepts no liability for damage or injury caused by the use of Antonia Emma products.

Warning

- Not suitable for children under 3 years.
- The product is not designed for children under 3 years of age. It could be dangerous for them.
- Children under the age of 6 should use the product under the parent or another adult supervision.
- The product should be used with caution, as some skills are needed to avoid any potential falls and/or collisions.
- Danger of physical injury and health injury: there is a risk of the person falling from the product, there is a risk of the product falling on the person, there is a risk of strangulation on the rope, there is a risk of pinching a part of body.

The products comply with the technical requirements of the European Directive 2009/48 / EC and ČSN EN 71.

Made in the Czech Republic.

Manufacturer:

Antonie & Emma s.r.o.
Chudenická 1059/30, 102 00 Praha – Hostivař
Provozovna: Březina 19, 294 11 Březina
IČ: 06527990, DIČ CZ06527990
<http://www.antonieemma.cz>

