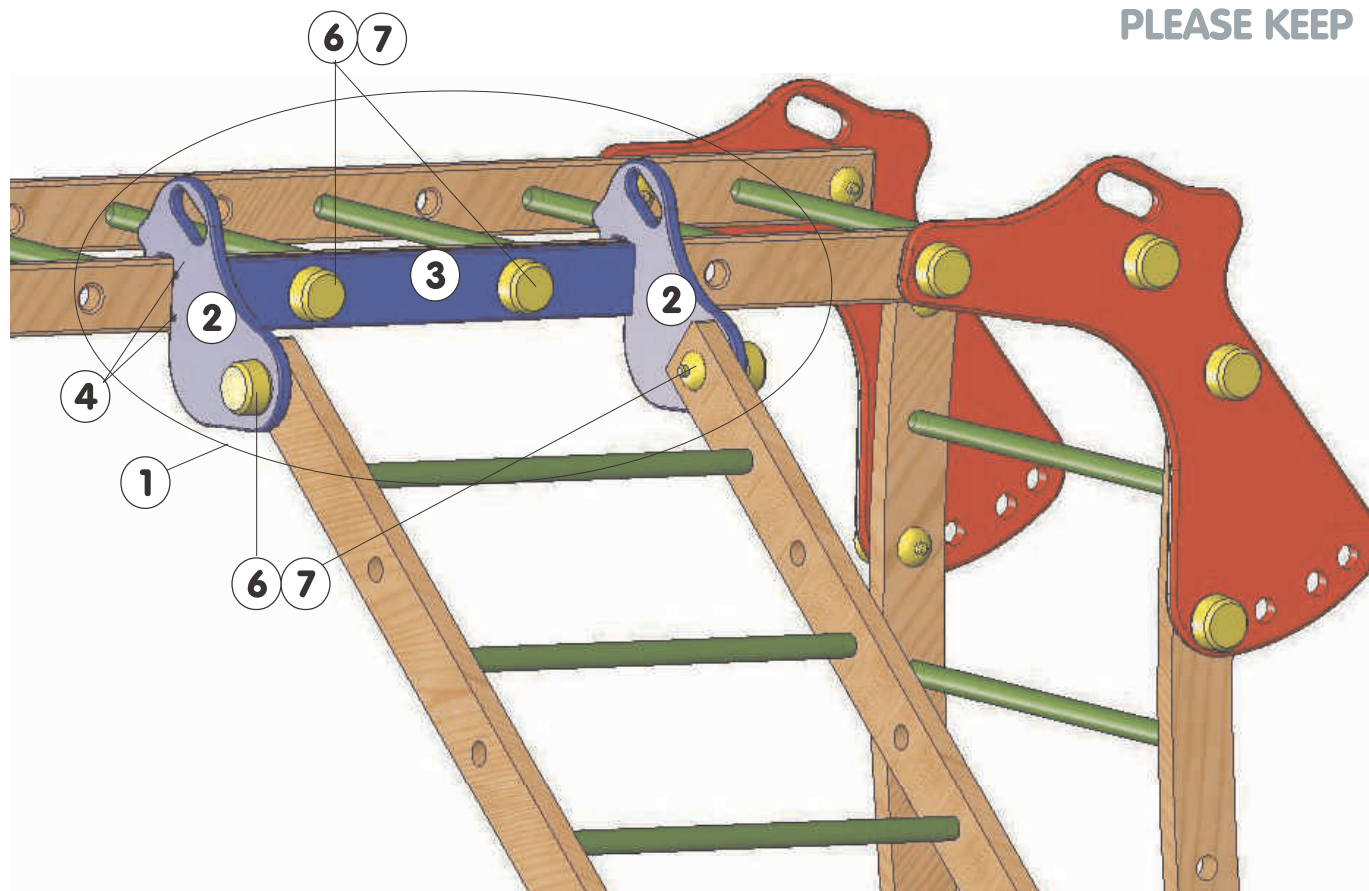


**LATERAL CONNECTING PART
FOR ÉDUC'GYM M'2005 LADDERS****0115B****PLEASE KEEP****Warning :**

Only qualified personnel may install this equipment.
Constant supervision by qualified personnel is required when using this equipment.
Do not use this equipment other than for its initial purpose.

Conformity:

This equipment is in accordance with the French norm NF S 54-300 "Educational equipment for motor skills – General safety requirements and test methods".

Recommendations:

The French standard NF S 52-400 advises:

- to keep this document for further reference (inspection, maintenance, etc.).
- to periodically perform preventive maintenance.
- to carry out an inspection once a year or more according to use.

Package:

- 1 Package of Lateral Connecting Part (1) (Ref.: 0115/40) in a kit consisting of:


- * 1 Pair of "Animal" flanges (2)
- * 1 reinforcement plate (3)
- * 4 screws (4) + 1 Tightening key (5)

- 1 Package of Tightening Parts (Ref.: 0115/50) consisting of:

- * 4 yellow plastic knobs (6) (Ref.: 0118/10)
- * 4 yellow plastic nuts (7) (Ref.: 087/20)

I. General rules imperative to be respected for any configuration with lateral connecting part:

- Before every use, check that the tightening wheels (6) are properly tightened.

 Slightly tighten each tightening wheel (6) as soon as it touches the connecting part (1); stop when it becomes stiff. If you over-tighten the wheel, the plastic parts (6) and (7) will become deformed and will no longer completely fulfil their function of locking the connecting part (1) of "éduc'gym" pedagogical structures.

- Connecting part (1) must be assembled using 4 fastening sets (tightening wheel (6) + nut (7)) to ensure the ladders' configurations remain in position and maintain their stability, as shown in **figure 1**.

II. Assembly advice for Educ'Gym structures:

In order that **the assembly and the use of the equipment meet the safety and stability required by the standard NF S 54 300**, it is strongly recommended that the following general rules are adhered to:

1) For all structures, the bottom of the ladder must have a stabiliser on the floor (assembled according to **figure 2**;

Caution: only the metallic removable bar + the locking screw should be used with the stabiliser.

2) Systematically check that only the anti-slip pads are in contact with the floor (see **figure 3**)

Figure 2

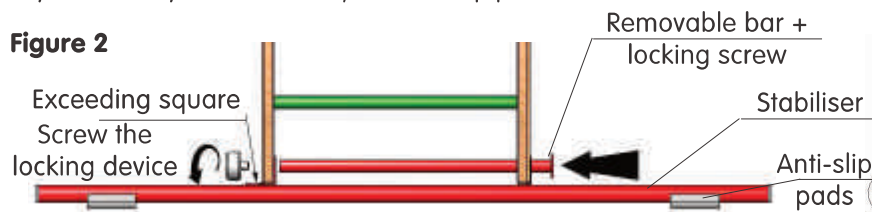
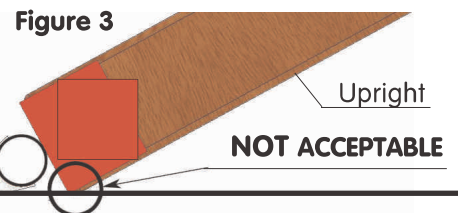


Figure 3



3) **For kids from 3 to 6 years old:** assemble structures with at least 2 elements, whose height is one of the mini-ladders (see **figures 4 & 5** below)

Figure 4

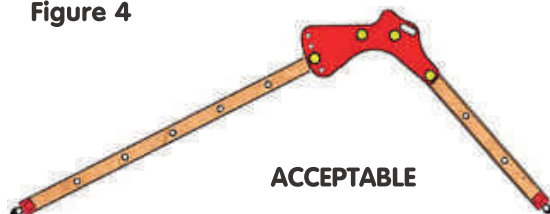
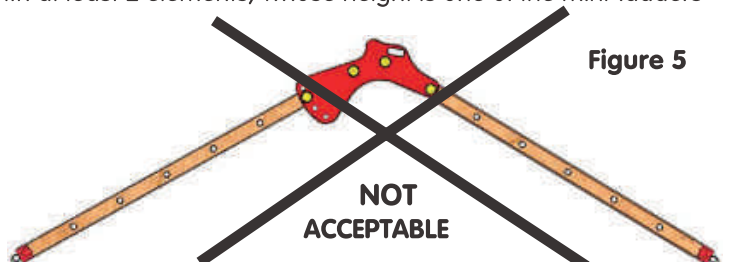


Figure 5



4) **For kids from 6 to 12 years old:** assemble structures with at least 3 elements, whose height is one of the large ladders (see **figures 6,7,8,9**). Moreover, it's forbidden to install a mini-ladder horizontally on this kind of high structures.

Figure 6



Figure 7

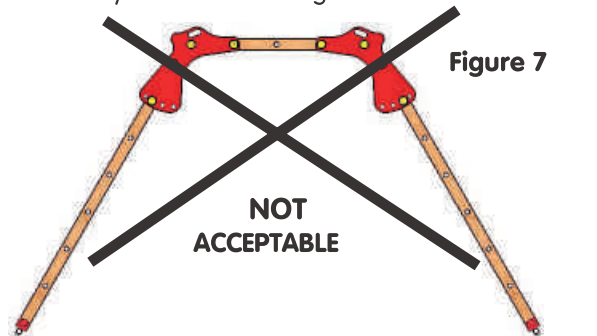


Figure 8

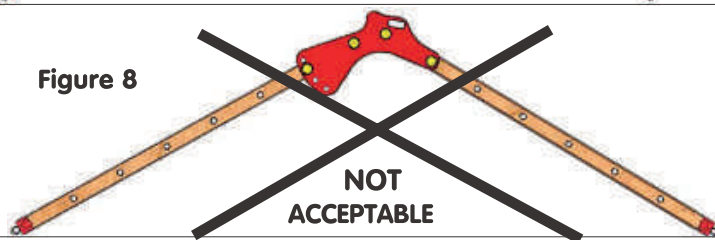
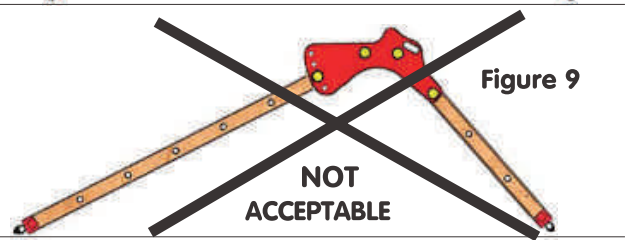


Figure 9



5) Generally, **the more complicated the structure** (composed of many elements) **the more stable it is**. However, whatever the assembly, **sideways swinging of users should not be allowed**. (see **figure 10 & 11**)

6/ It is strongly recommended that **a safe landing area is used** (composed with landing mats and /or educational mats) with dimensions at least equal to the area under the structure (stabilisers included) see **Figure 12**.

Figure 10



Figure 11

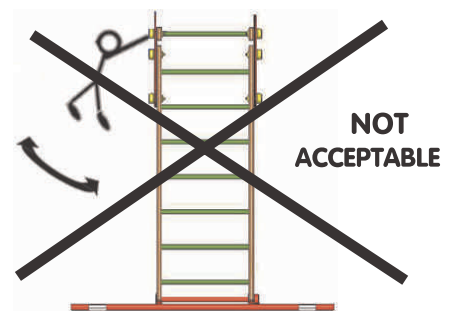


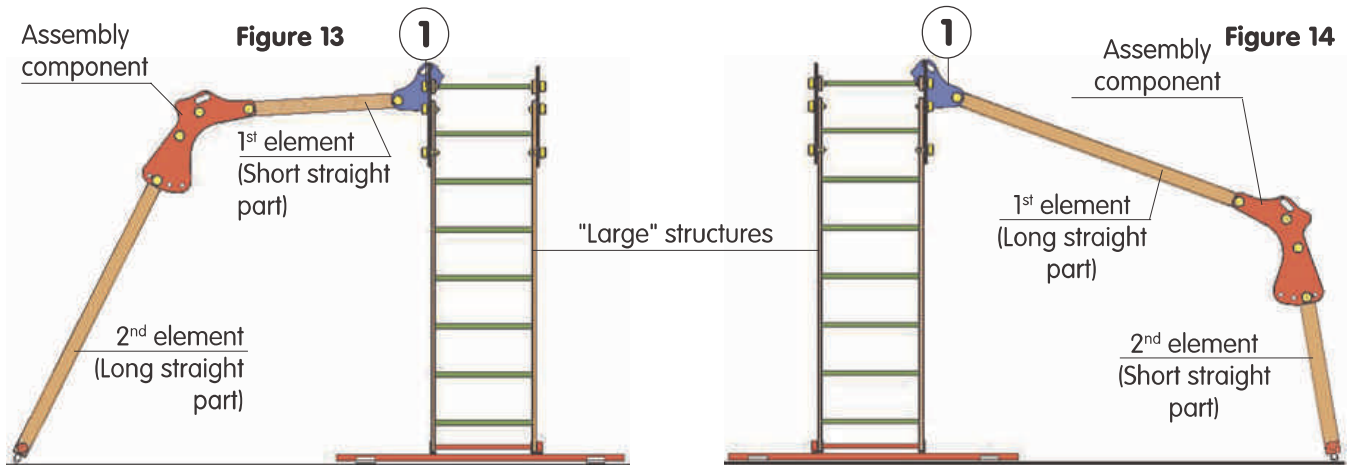
Figure 12



MINIMUM SAFETY AREA

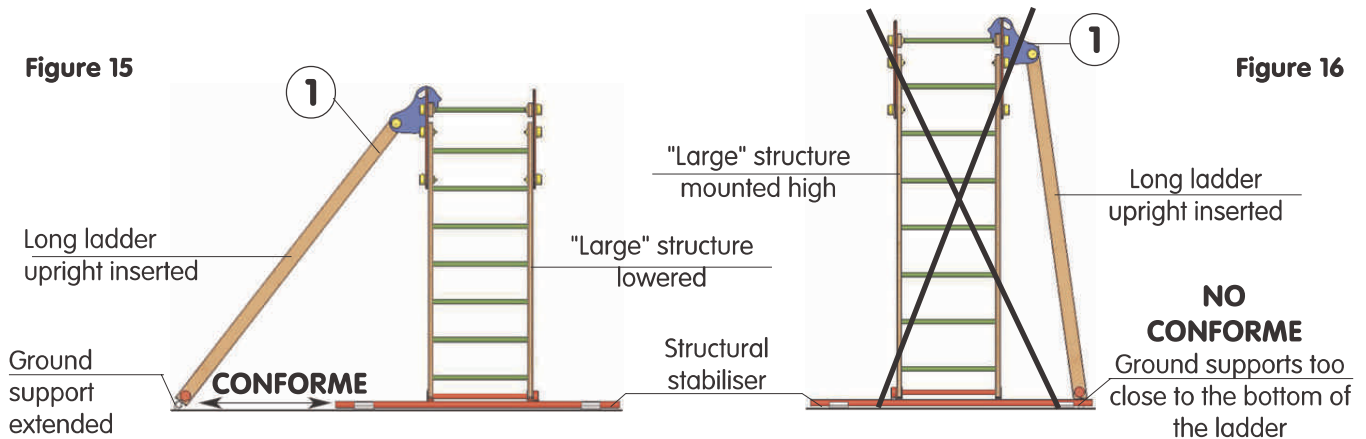
III. Principle for assembling lateral structures:

1/ On existing structures, it is strongly recommended to add lateral connections using at least 2 elements (indirect ground return) as shown in **figures 13 and 14**.

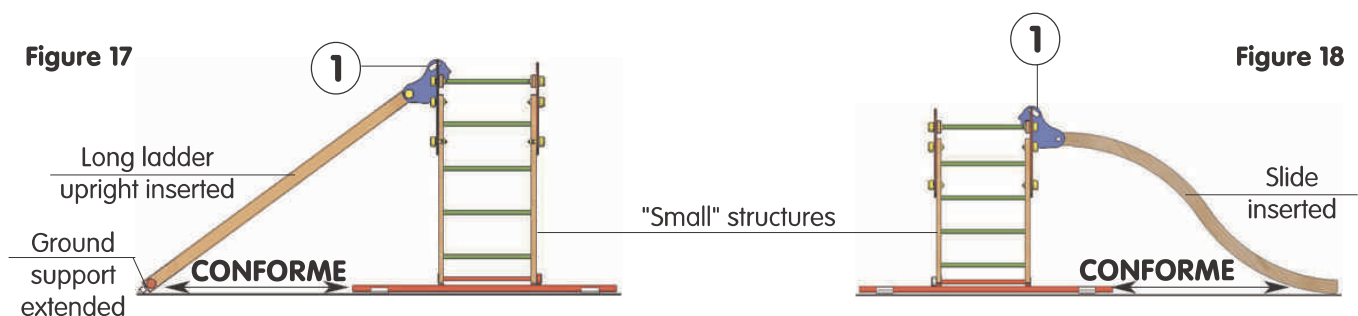


2/ If a direct return is required (see **Figs. 15 and 16**), to ensure structural stability, it is essential to:

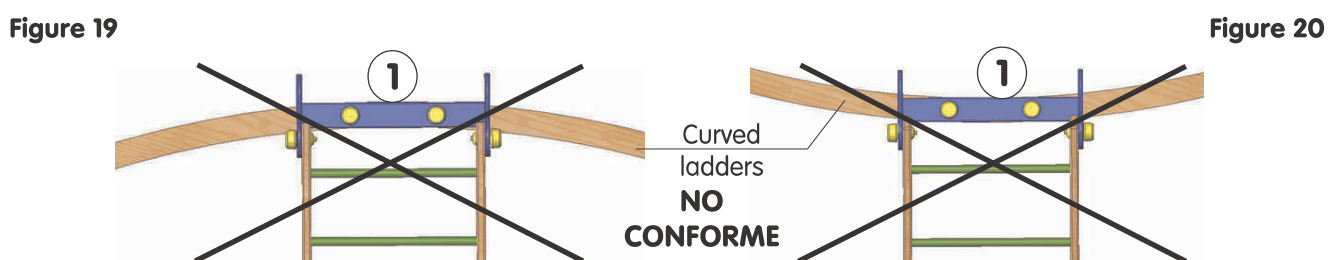
- Make sure that when extended laterally, the ladder's ground support overlaps the end of the structural stabiliser.
- Otherwise, extend the angles between existing ladders to lower the structure (using assembly components).



3/ The rules for assembly are identical for small structures consisting of small ladders (see **Fig. 17 and 18**):



4/ It is forbidden to produce a lateral connection from a curved horizontal ladder, because the connecting part (1) cannot be mounted correctly using the 4 mounting points (knobs (6) + nuts (7)) (see **Fig. 19 and 20**):



IV. Assembling the connecting part (1):

Position, then screw the 2 flanges (2) to the reinforcement plate (3) using 4 screws (4) and the key (5) supplied, as shown in figure 2.

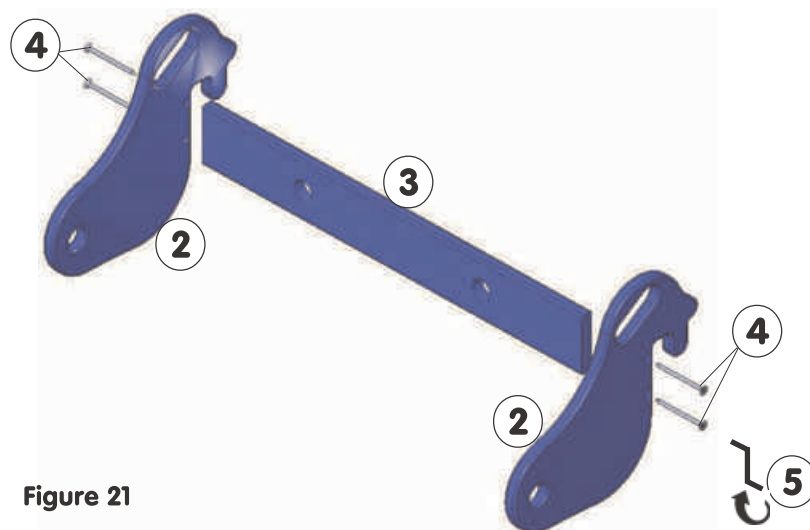


Figure 21

V. Mounting éduc'gym structures:

This part (1) is used to add éduc'gym elements laterally (ladders, climbing panels, slide, ...) to existing structures (see figure 21).

1/ Determine the position of the lateral point of the existing structure, where the connecting part (1) can be fixed to a horizontal ladder upright.

2/ Fasten it with 2 plastic knobs (6) and 2 nuts (7), through the reinforcement plate (3).

3/ Fit an extra element at the ends of the connecting part (1) flanges (2), using the 2 remaining knobs (6) and 2 nuts (7).

Important: **it is essential** to mount this connecting part (1) at its **4 mounting points (6) + (7)**.

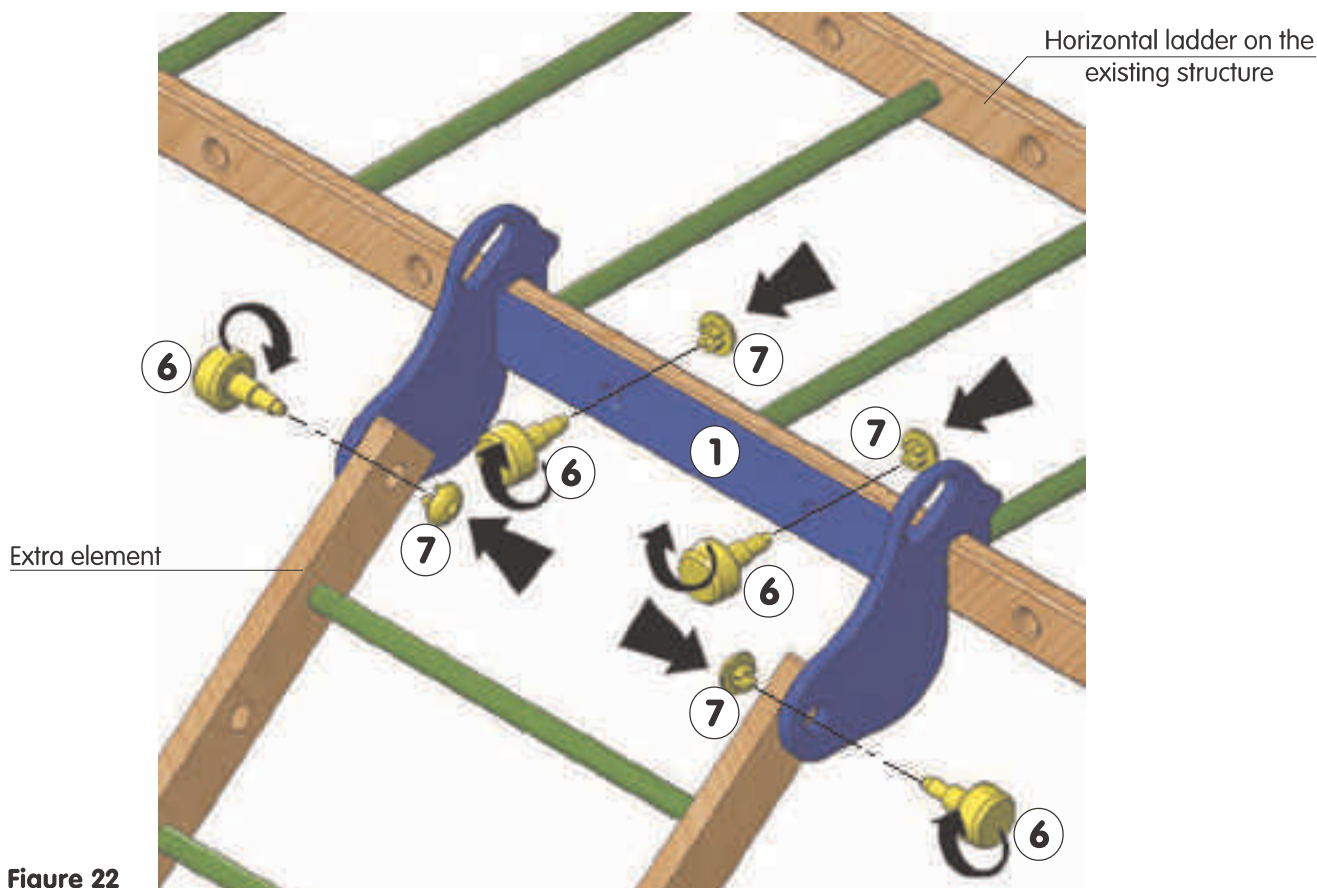


Figure 22