



# ASSEMBLY INSTRUCTIONS

## ASSEMBLY AND INSTALLATION INSTRUCTIONS „CLUB-TRACK“ MADE OF PLASTIC

**Substructure:** It is assumed that there is a level, horizontal, profile-matched foundation at the start of the in-run for the ski jump. Larger distortions and unevenness [ $> \pm 0.5$  cm] in the concrete, wood or metal substructure are excluded and should be eliminated and balanced before installation. **It is optimal if the required covering is already in place on the substructure, for example, wood!**

**1. Profile-axis:** Mark the middle axis of the in-run track on the ski jump construction, it starts at the FIS 0 point of the jump and ends at the end of the in-run (jump head). If possible use a rotation laser device, this ensures 100% aligned placement of the in-run track „Club Track“.

**2. Track elements:** all track elements are labelled in colour. At the jump, start with elements of the summer track, red, yellow, grey.

Figure 1. Profile axis

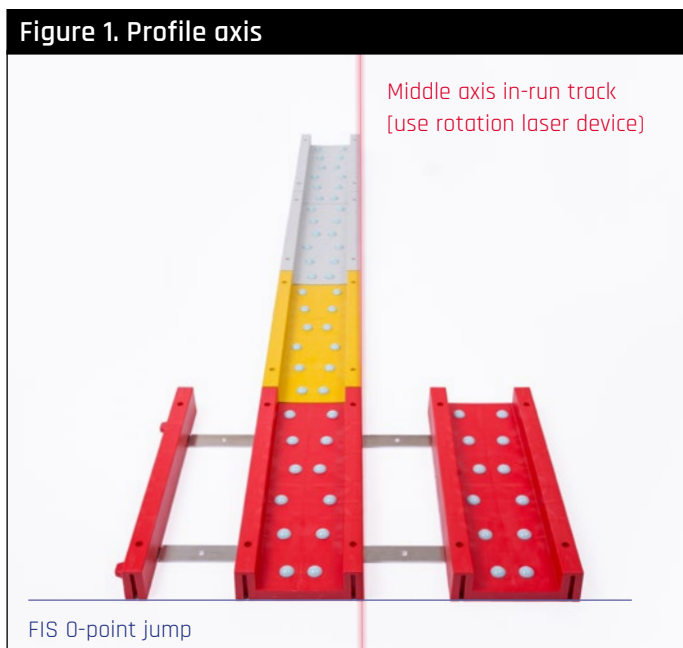
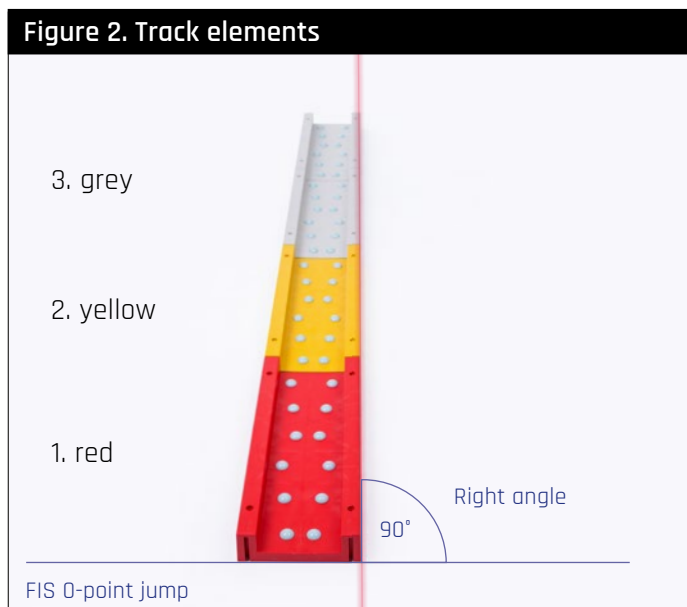


Figure 2. Track elements

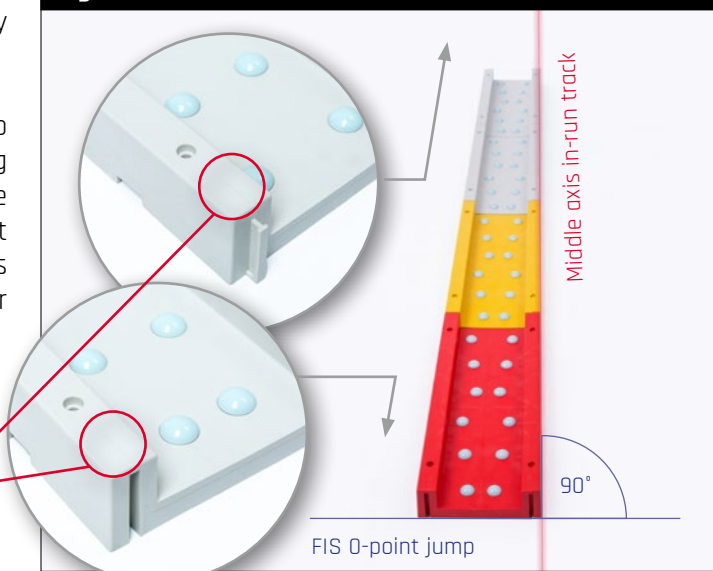


Now align the summer track elements, red, yellow, grey as follows:

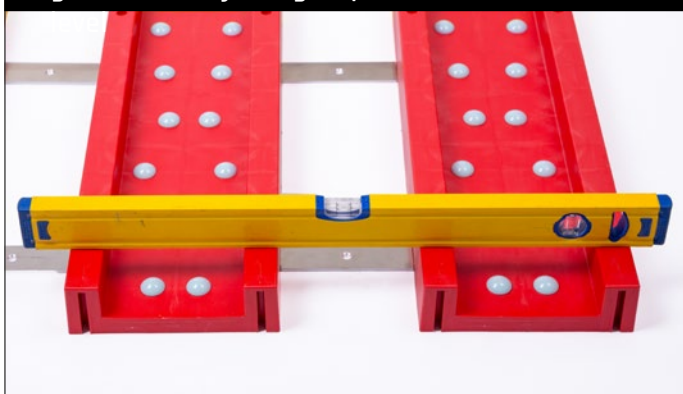
- Consider flush at the jump (FIS 0 point) - right angle to the assembly / laser axis! (The groove in the coupling element attached to the track elements shows the direction of the in-run to the jump head). On the front side of the elements there are small protruding lines attached, approx. 2.5 cm long that should be used for axial alignment of the element.

Protruding lines for axial alignment

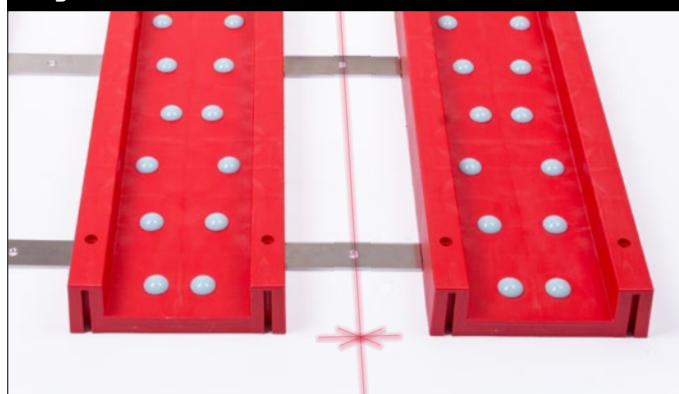
Figure 2. Track elements



Align horizontally using a spirit



Aligned to the middle axis



**3. Balance:** If additional levelling steps on the substructure become necessary when levelling horizontally, we recommend the plastic compensating wedges from Berner in different thicknesses and different colours (not included in delivery).

**4. Coupling of the elements, seal:** The elements of the summer track and the elements of the winter track each have a coupling system on the front side consisting of a tongue and groove, which ensures the chain-like arrangement of the elements

At the side of the groove of the element, in the first step (second track element / yellow), the supplied seal (adhesive on one side of the marked area) should be glued. When that is done, they are mutually coupled coupling element and pushed onto the seal. Repeat this work continuously until the track is complete for all elements.

Figure 4. Gluing the seal



Figure 4. Coupling of the elements



**5. Fasten:** Now fasten the first two coupled elements summer track, red, yellow, by means of the supplied screws to the substructure, the V-shaped knob arrangement always points to the jump. The supplied seal is already glued to the following element, but only at the time of coupling.

Now set the other ratcheting elements of the summer track, grey to the yellow second element summer track. Please note again the alignment and horizontal position.

**Important:** A placement gap of approx. 3mm is specified by the seal, whereby the material expansion in the +/- temperature range is compensated for.

Couple the grey elements of the summer track sequentially to each other and anchor them with screws until the end of the track at the in-run.

Figure 5. Fasten

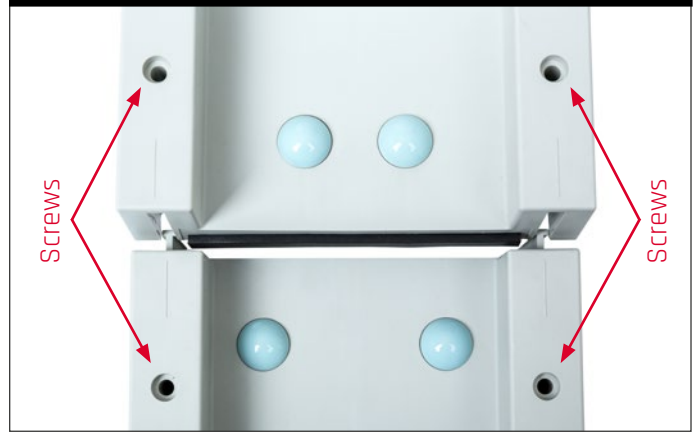


Figure 5. Fasten



**6. Spacer or snow holder:** Included in the scope of delivery are the spacer or snow holder, which secure the remaining assembly of the element of summer and winter track. There are recesses on the left and right side of the elements where they can be inserted accurately and guarantee the spacing of the elements of the track. To protect against slipping, the spacer or snow holder are fixed with a screw.

Figure 6. Spacer or snow holder



Figure 6. Spacer or snow holder

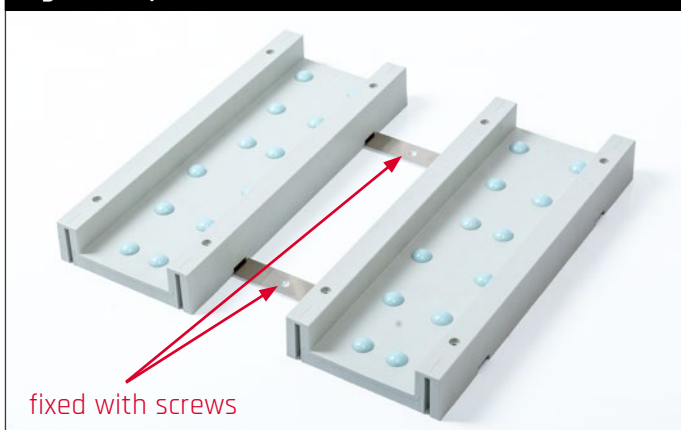
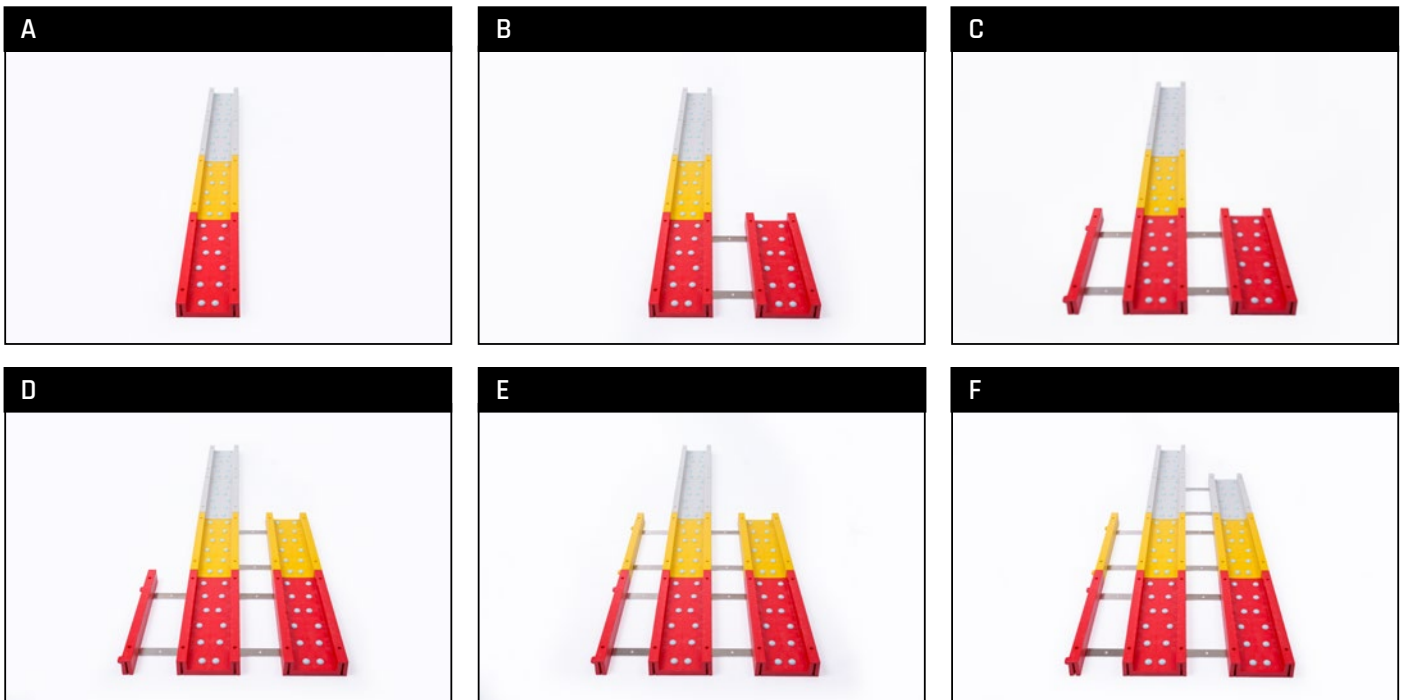


Figure 6. Spacer or snow holder



**7. Assembly sequence of elements of summer and winter track:** The elements of the summer track are mounted, now all remaining elements of the track can be mounted like a fishbone with the help of the spacer or snow holder! Consider the right-angled alignment of the first elements at the jump!



**8. Irrigation:** The last two elements of the summer track are provided with water outlets. The on-site water connection must be provided at the two screw connections.

When starting irrigation, these can be regulated separately at the water outlets. (There is a set screw with hexagon socket under the cover screw).

**Important:** The perfect horizontal placement and the proper sealing of the summer track elements are evident when the course of the water in the summer track is over the entire surface and there is no loss of water along the track onto the substructure.

By following all of the instructions you and your athletes can enjoy the products of Peter Riedel GmbH. If you still have questions, feel free to contact us. We are at your disposal with help and advice.

**Important:** Please check the goods for possible damage during transport. Unfortunately, claims cannot be accepted after installation. The general terms and conditions of Peter Riedel GmbH apply

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Figure 8. Irrigation



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