

ProPlay[®]

by Schmitz Foam Products



ProPlay[®] for Playgrounds

Installation manual



Step 1: Prepare the (subsoil) surface



- Make sure the surface is levelled and even, and the subsoil is rigid and stable (proctor compaction >95%)
- For further details please consult your local landscaping architect

Step 2: Apply and fasten the borders with screws



- Borders can be created with wooden beams (width x height = 50x100 mm) for squared edging, and plastic strips (5x100 mm) for curved edging
- The top of the border has to be set 1 cm below ground level of the outside area (to create an even surface level of both areas)

Step 3: Fill the inside area of the border with sharp sand



Step 4: Press and level the sand



- Levelling can be done with a wooden beam, with an edge cut out, and pressing it with a plumb rule; depending on the exact type it is advised to compact the sand

NOTE:

the ProPlay[®] panels always need to be 10 mm above the top of the border, so for ProPlay25 (=25 mm) the sand level is required to be 15 mm below the top of the border; for ProPlay35 (=35 mm) the sand level is required to be 25 mm below the top of the border; etc.

NOTE: due to temperature changes, the panels can shrink or expand when the turf is not yet installed. This could lead to a bad fit of the puzzle connection during and after the installation. Therefore, extreme heating of the panels before and during the installation should be avoided.

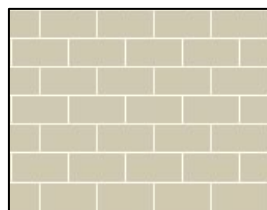
CAUTION: ProPlay[®] will heat up rapidly when the sun is allowed to shine directly on the panels; temperatures over 50 degrees Celsius inside the panels can be achieved even when the ambient temperature is only 20 degrees!

In case the panels have expanded because of the heat, squirt water upon the panels to cool them down before or during the installation. After the turf is installed (i.e. the panels are covered), the ProPlay[®] will no longer expand or shrink.

Step 5: Install the ProPlay[®]



- Install the panels in a brick fashion:



Step 6: Cut panels to fit into the border



NOTE: when the panels are cut in heated / expanded condition, please cut an extra 1 to 2 cm over the border to compensate for the shrinkage when the ProPlay[®] cools down

Step 7: Install the 24 mm (pile height) turf



- Different synthetic turfs are possible, but as results may vary, they have to be tested in advance
- Cut the turf so it can be laid 5 to 10 centimetres over the edge of the border

Step 8: Glue the turf edges with synthetic turf adhesive tape



- Do not glue the turf (or the synthetic turf tape) on the ProPlay[®]

Step 9: Fix the turf to the outside of the border with washers and screws



Step 10: Fill the outside of the border with sharp sand



Step 11: Fill the turf with 25 kg/m² sand and spread it evenly



- The sand shall be a round 'white' sand, with a grain size of 0.2-1.0 mm

THE END RESULT: a perfect and long lasting base for safe play!