

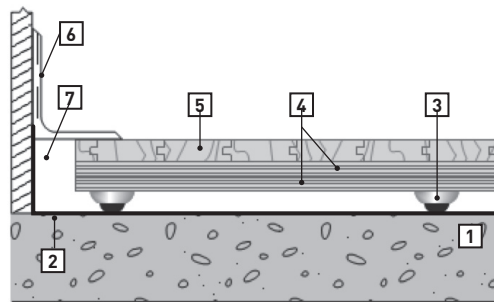
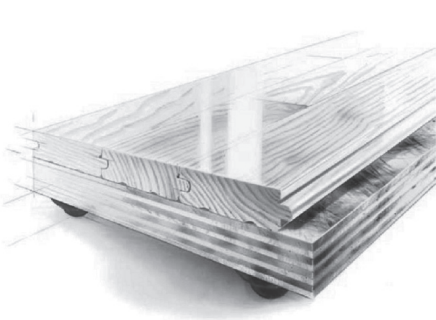
[1004] NEOSHOK SUBFLOOR CONSTRUCTION - CONNOR® SPORTS

1. INSPECTION AND PREPARATION OF THE SUBFLOOR

Refer to the Gerflor document entitled «Preparing the subfloor for installing Connor sports floor coverings».

2. MATERIALS

NOTE : before you start work, check with our technical services whether this data sheet has been amended by a more recent version. Examine the materials prior to installation to ensure that there are no visual defects.



DESCRIPTION

1. Concrete slab
2. Polyethylene (0.15 mm)
3. Neoshok pads
4. Timber panels 1250 x 2500 mm (2 x 12 mm-thick layers)
5. Flooring
6. Vented cove base (76 mm x 102 mm)
7. Expansion space (38 mm)

3. SUBFLOOR CONSTRUCTION AND TOOLS

MATERIALS SUPPLIED WITH THE ORDER BY GERFLOR	MATERIALS AVAILABLE ON ORDER FROM GERFLOR	MATERIALS AND TOOLS SUPPLIED BY THE INSTALLER
FOR THE SUBFLOOR CONSTRUCTION		
		Staples 25 mm / 5,000 units / 1 box (300 m ²)
Red pad / 4 x 5 x 1.9 cm / Quantity: 10.76 / m ²		Circular saw / jigsaw
Maritime pine plywood panels: 1250 x 2500 mm	Vented cove base (1.22 linear metres) / 16 units	Electric screwdriver
Polyethylene 0.15 mm / 1 box (185.7 m ²) + Adhesive tape		Staple gun
		Hammer
		Adhesive sealant

4. CONDITIONS AND PREPARATION OF THE GYMNASIUM

4.1 - STORAGE

The materials required to install the NEOSHOK panels must be stored on site, in a dry area of the gymnasium that is protected from variations in temperature.

4.2 - ACCLIMATISATION PERIOD

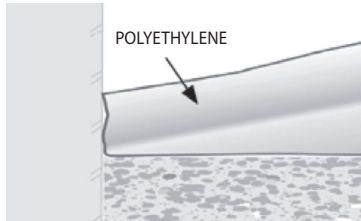
IMPORTANT : three days prior to installation, the ambient temperature in the room must be between 15 and 30°C. Relative humidity must be between 30 and 60%. Once these conditions are met, all protective coverings and packaging can be removed to allow the materials to acclimatise. After unpacking, the materials must be left to rest for three days before installing.

While installing the subfloor construction, maintain the same conditions (i.e. ambient temperature from 15 to 30°C and relative humidity between 30 and 60%). If there is any moisture in the room (such as a new build), you are advised to ventilate the room for four to six weeks before installing the subfloor construction. Ensure that the room is ventilated throughout installation.

SPORTS FLOORS

[1004] NEOSHOK SUBFLOOR CONSTRUCTION - CONNOR® SPORTS

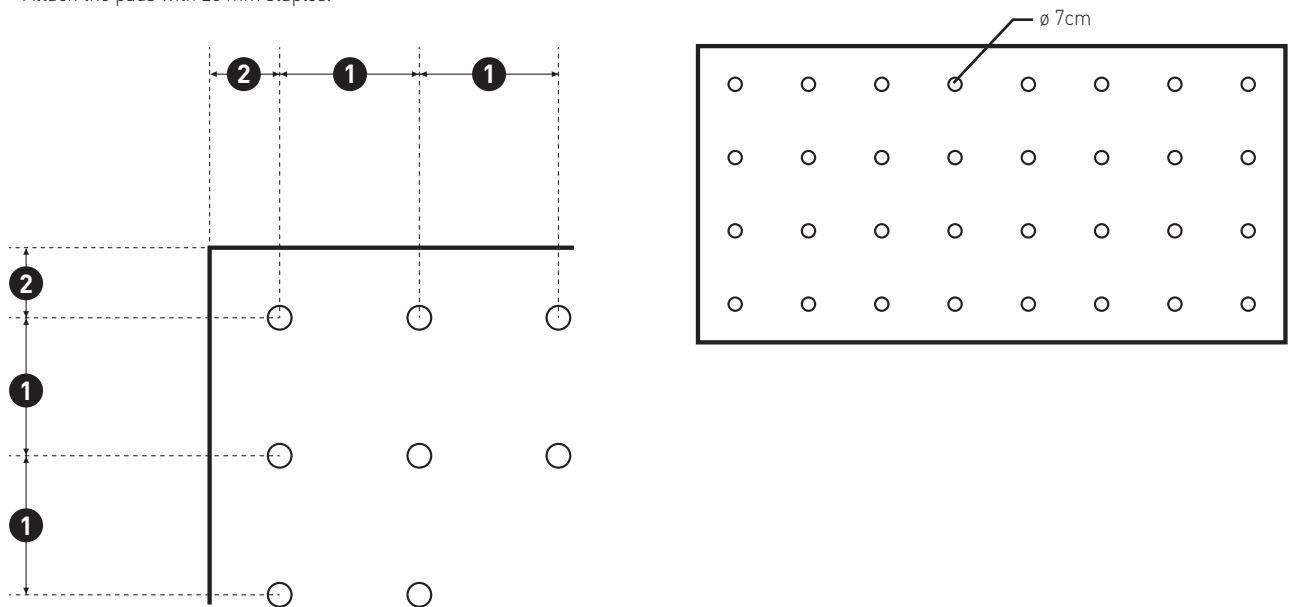
5. LAYING THE POLYETHYLENE VAPOUR BARRIER



A polyethylene vapour barrier with a thickness of at least 150 microns must be laid across the entire subfloor with an overlap of at least 15 cm. The overlap is bonded using single-sided moisture-resistant adhesive tape. The vapour barrier is turned up at the edges of the room and laps up to the finished floor level.

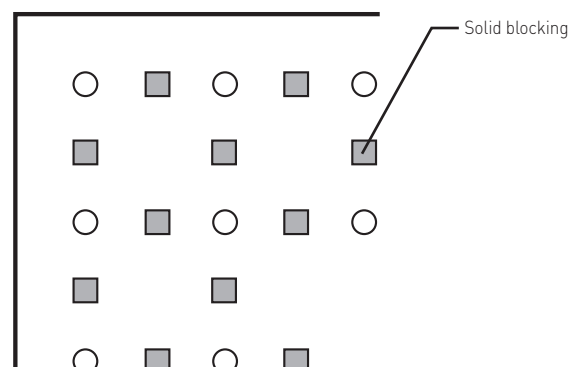
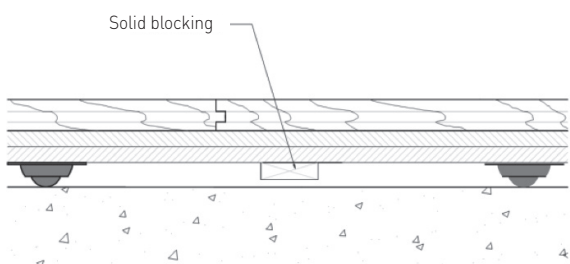
6. INSTALLING THE RED PADS

- 1 The resilient pads must be attached to the underside of the first panel at 305 mm centres (i.e. 32 per panel) and 152 mm from the edges on all sides.
- 2 Use a template to position and attach the pads.
Attach the pads with 25 mm staples.



7. SOLID BLOCKING

In areas subject to high static loads, solid blocking must be installed between the pads under the panels at doorways and beneath retractable seating systems in the stacked position.



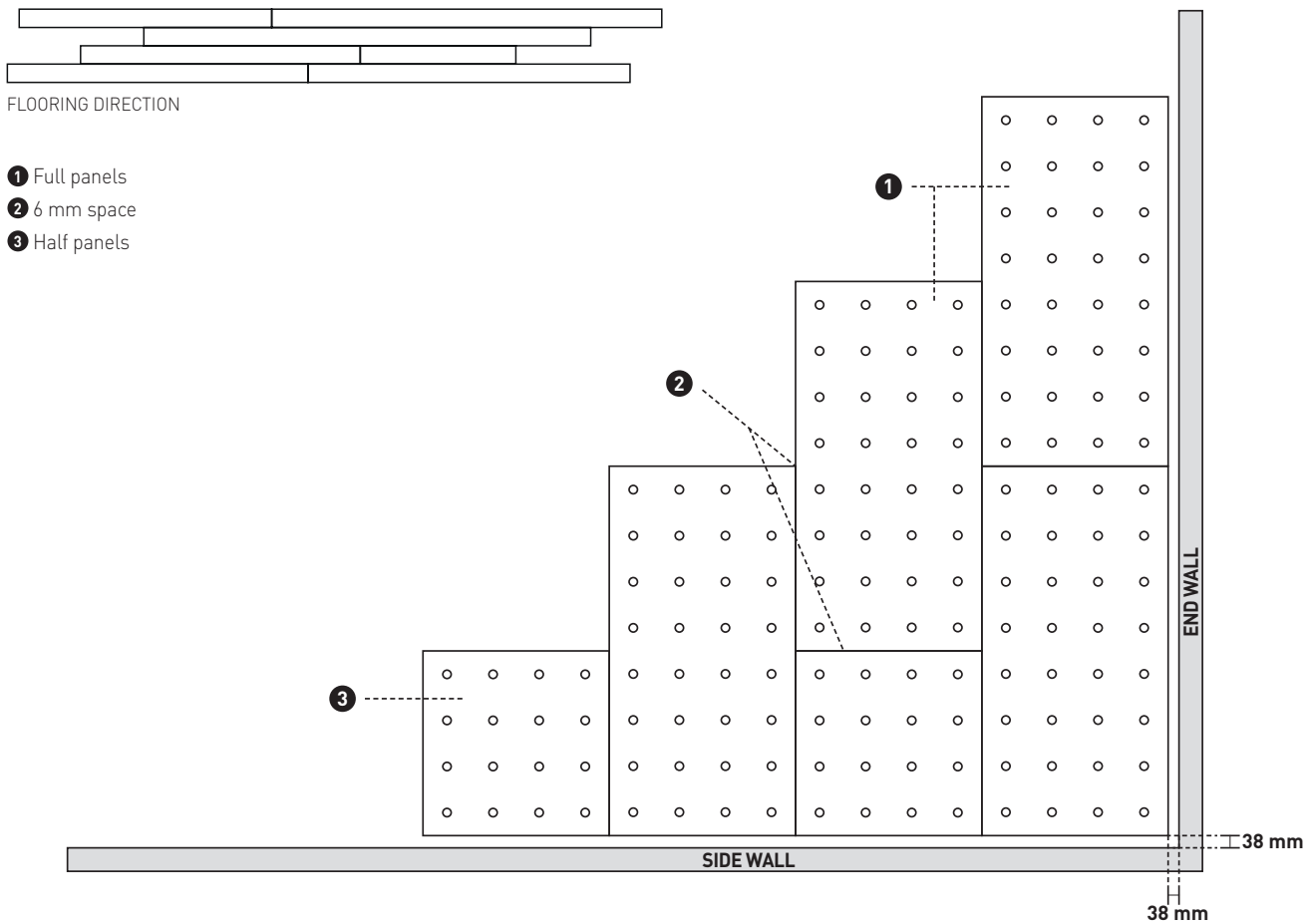
[1004] NEOSHOK SUBFLOOR CONSTRUCTION - CONNOR® SPORTS

8. PANEL INSTALLATION DIRECTION

When laying Connor flooring on top of this subfloor construction, the first panel of the subfloor must be perpendicular to the flooring with a space of 6 mm between each panel and staggering joints at 1.20 m.
Provide a 38 mm expansion void at the perimeter and at all vertical obstructions.

9. INSTALLING THE FIRST PANEL

Install the panels by starting in a corner of the gymnasium and work from right to left.
Cut full panels in half to form half panels for installing the rows with staggered joints.



SPORTS FLOORS

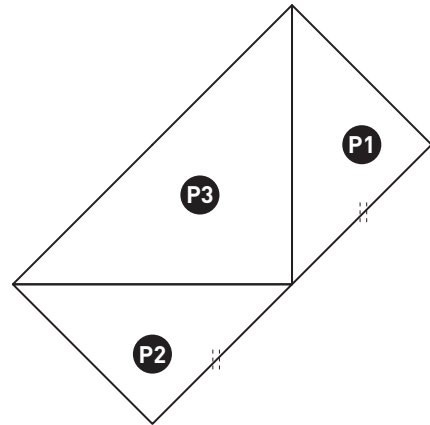
[1004] NEOSHOK SUBFLOOR CONSTRUCTION - CONNOR® SPORTS

10. INSTALLING THE SECOND LAYER OF PANELS

10.1. INSTALLING THE FIRST ROW

First of all, cut a full panel according to this method to obtain perfectly square angles of 90° and 45°.

Lay the panels at a 45° angle over the first layer.

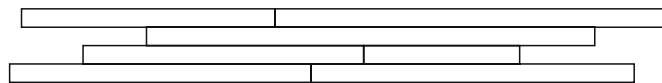


Leave a space of 6 mm and stagger the joints at 1.20 m.
Provide a 38 mm expansion void at the perimeter and at all vertical obstructions (posts, stands, etc.).

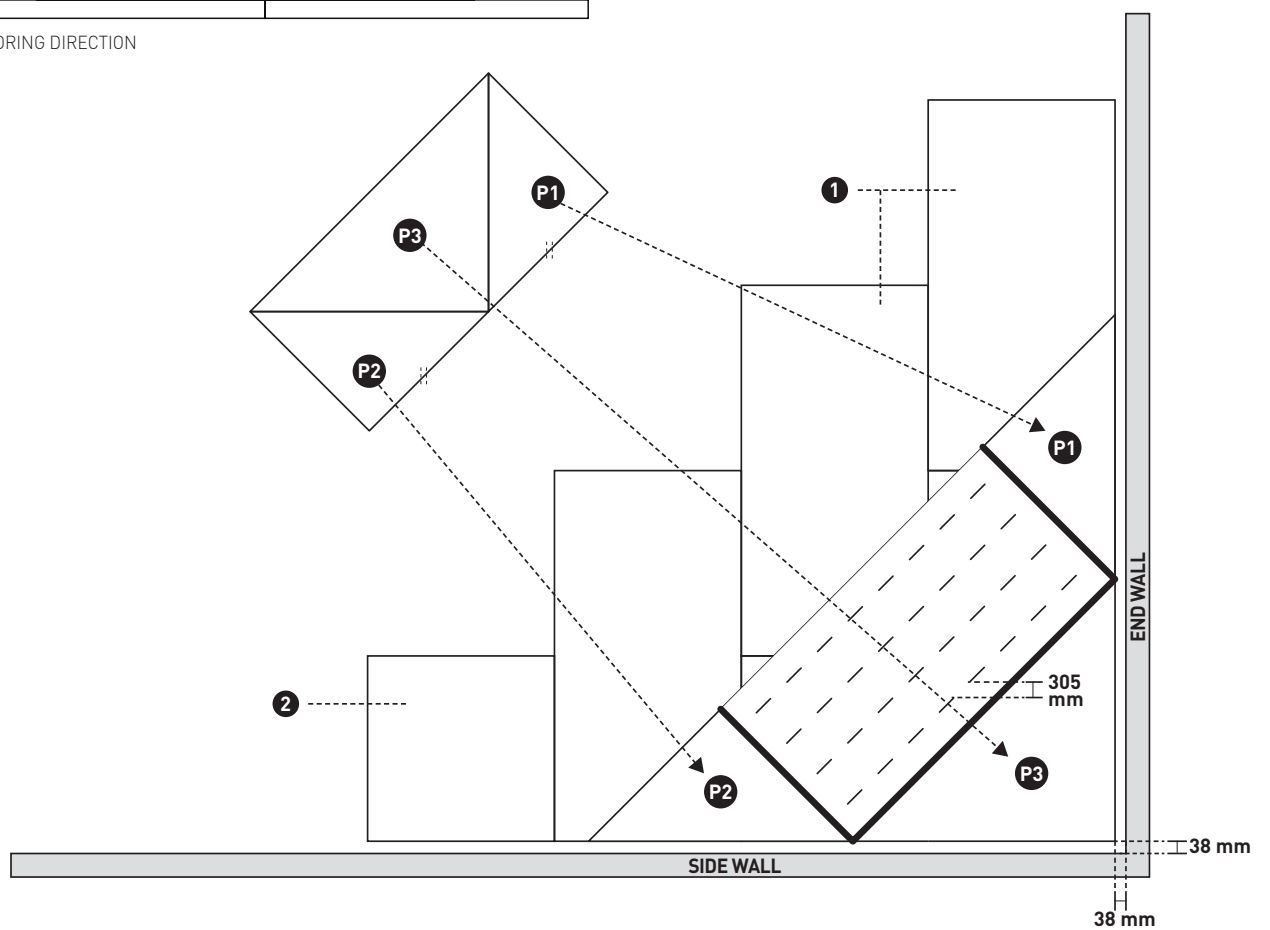
Fasten the panels at 305 mm centres with 25 mm staples.

Install the full panel as shown in the diagram.

Install the small panels as shown in the diagram, leaving a space of 6 mm between the panels.



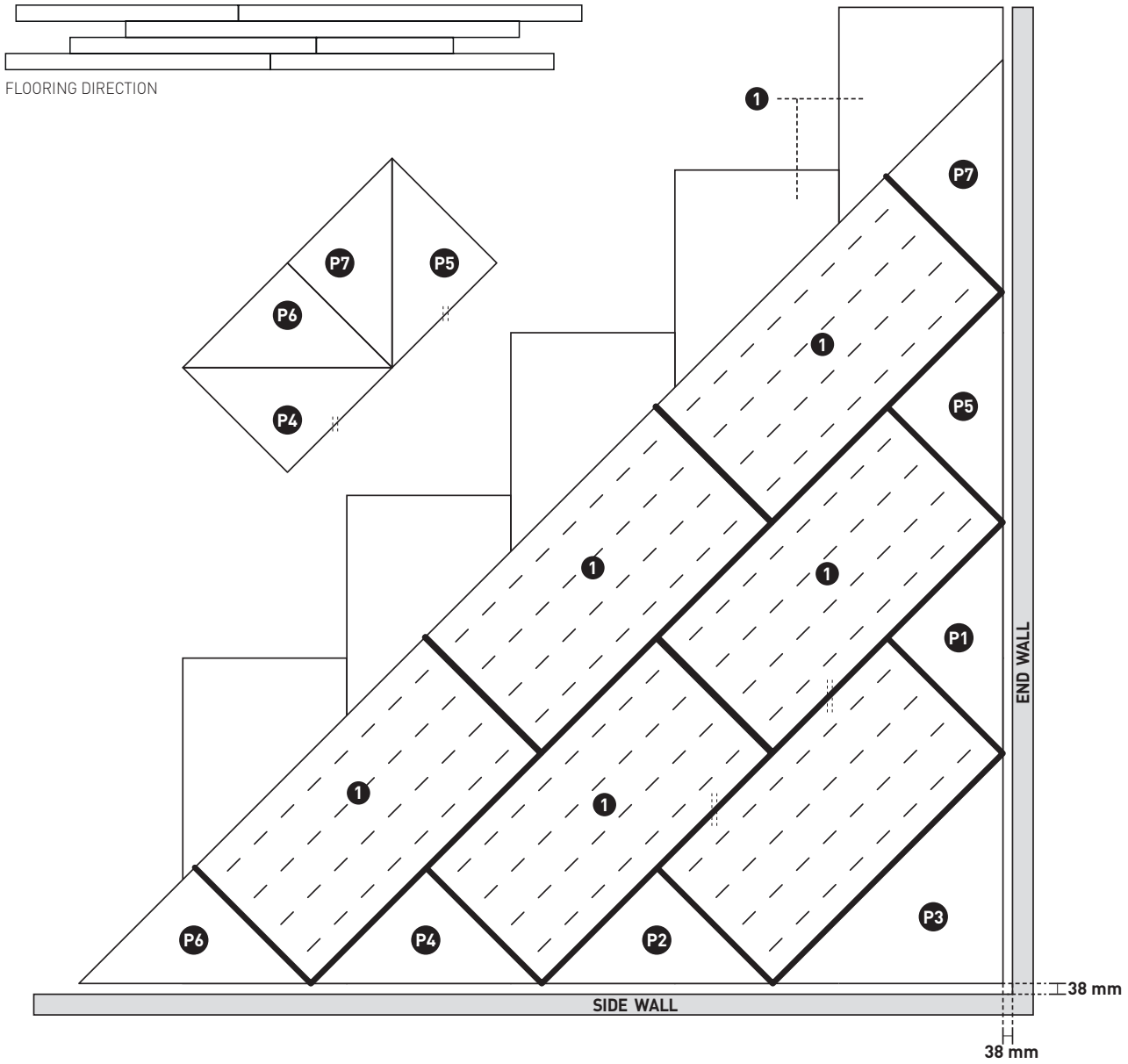
FLOORING DIRECTION



[1004] NEOSHOK SUBFLOOR CONSTRUCTION - CONNOR® SPORTS

10.2. INSTALLING THE FOLLOWING PANELS

Continue placing full panels and end triangles with a space of 6 mm along all sides. Fasten the panels at 305 mm centres with 25 mm staples.



11. INSTALLING THE FLOORING

Refer to the document on installing flooring.

12. SANDING AND SEALING CONNOR FLOORING

Refer to the Gerflor document on sanding and sealing CONNOR flooring.

13. GAME LINE PAINTING

Refer to the document on TLD Aqua game line painting.