

CENTAUR HEVEA FLEXIPRO SPORT FLOOR

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FlexiPro 12mm subfloor system + 22mm 2 strip plank Hevea flooring board is an area elastic sports floor with a high performance, installed on a level subfloor of concrete or wood. Total building height, incl. 22mm floorboards, is 39mm.

The elastic properties of the floor are secured by the 12mm resilient plywood subfloor which by means of continuous closed cellular foam strips in two thicknesses, placed in grooves on the backside, features progressive shock absorbency, executed by even low impact from e.g. children.

The sports functional characteristics feature high shock absorbency and resilience combined with great stability under foot and is ideal for multipurpose use with focus on all ball games, badminton and gymnastics. A build-in deformation control secures ultimate loading capacity, also with heavy materials where the resilience is preserved.

COMPOSITION OF FLOOR SYSTEM

1. Floor Boards:

22 x 130mm solid 2-strip parquet flooring boards in 2,180mm lengths, glued to the subfloor.
Wood species: Hevea.
Prefinished with PU-lacquer, in three gloss levels: Matt, semi and high gloss.

2. FlexiPro 12 Base floor for Sports:

Area Elastic base floor of 12x610x2440mm Birch ply with continuous prefinished resilient rubber strips of 10mm/8mm, recessed into grooves of the underside of the panels. The boards are installed 90° or in a 45° angle to the floor boards direction and are glued to one adjoining floor surface, using MS Polymer glue.

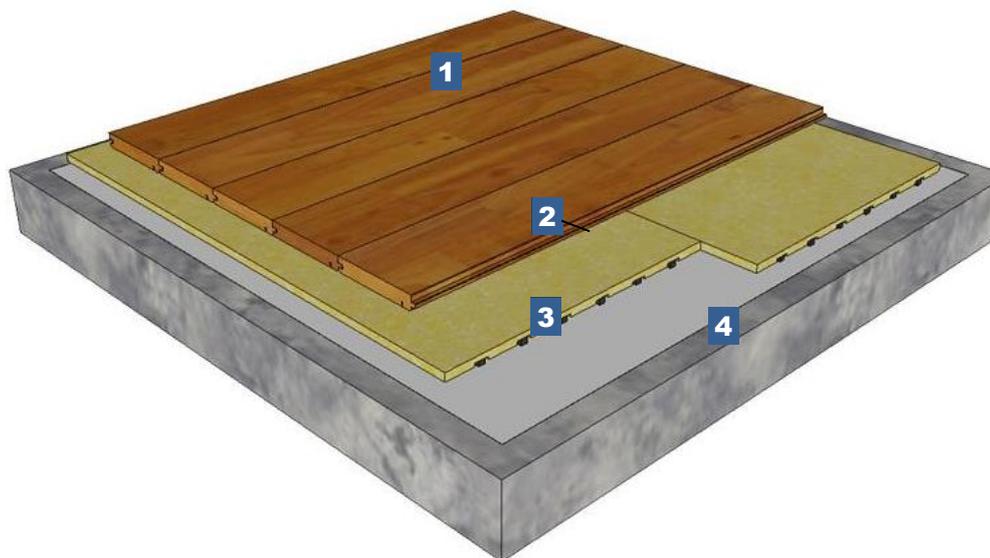
Building height of the base floor incl. elastic rubber strips is 17mm.
The floor meets EN 14904.

3. Moisture Barrier:

0.20mm PE-foil (on concrete), installed with taped joints.

4. Subfloor:

Concrete or existing floor, levelled to a max. deviation of ± 2mm on a 2 meter straight-edge.



Test Method	EN-standards	EN-demands acc. to Class A4	Result
Shock absorption [%]	EN 14904:2006	55 – 75	60
Standard deformation [mm]		2.3 – 5.0	2.8
Ball rebound [%]	EN 12335:2004	≥ 90	96
Rolling load [N]	EN 1569	Min. 1500	>1500
Friction	EN 13036-4	80 – 110	80 - 90

*) Test results for FlexiPRO 16 + 14mm engineered floors, but equivalent to FlexiPRO 12 + 22mm solid.

Line marking:

Line Marking can be applied directly onto the factory finish.
The floor is ready for use after hardening.

Renovation:

The prefinished surface can be renovated by cleaning, buffing/sanding and an application of a new top coat lacquer when required, typically after several years in service.