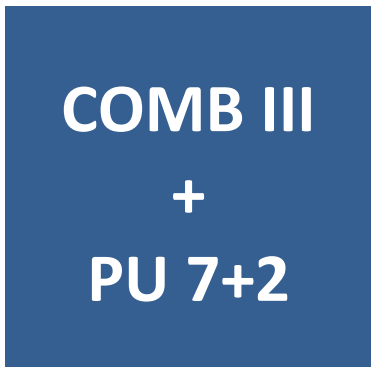


KTL COMB III + PU 7+2MM



KTL COMB III + PU 7+2 is a high performance combi-elastic sports floor with a base floor of chip board, screwed to an elastic 2-layer system, laid and levelled over uneven concrete. Total construction height is 75 mm incl. PU. Can be raised to 200mm.

The sports functional characteristics feature high shock absorbency and resilience combined with a good stability under foot, designed for multipurpose use with focus on ball games, badminton and gymnastics. Tested and conforms fully to EN 14904, Class C4.

The floor system has a good loading capacity. However, if exposed to heavy loads extra lower battens should be specified or load distribution sheets used. Some limitation to heavy rolling loads due to risk of indentation into the point-elastic surface.

The PU top coating offers maximum moisture and abrasion resistance and allow for full surface renovation.

COMPOSITION OF FLOOR SYSTEM

1. PU coating:

2mm polyurethane, applied joint less from wall to wall as a PU base coat, followed by a top coat.
Underlay: 7mm rubber granulate mat, glued to sports base sport floor.

2. KTL COMB III sports base floor:

Area elastic sports base floor in 16mm chip boards with T/G on edges, longitudinal joints placed over battens and screwed to load distributing battens, 18 x 95 mm c/c = 140mm, laid over lower battens, c/c = 500mm, supported by 14mm PUR-tied Cork pads, c/c = 500mm.

Base floor height is 66mm.

The floor is tested and complies with EN 14904, A4.

3. Possible packings:

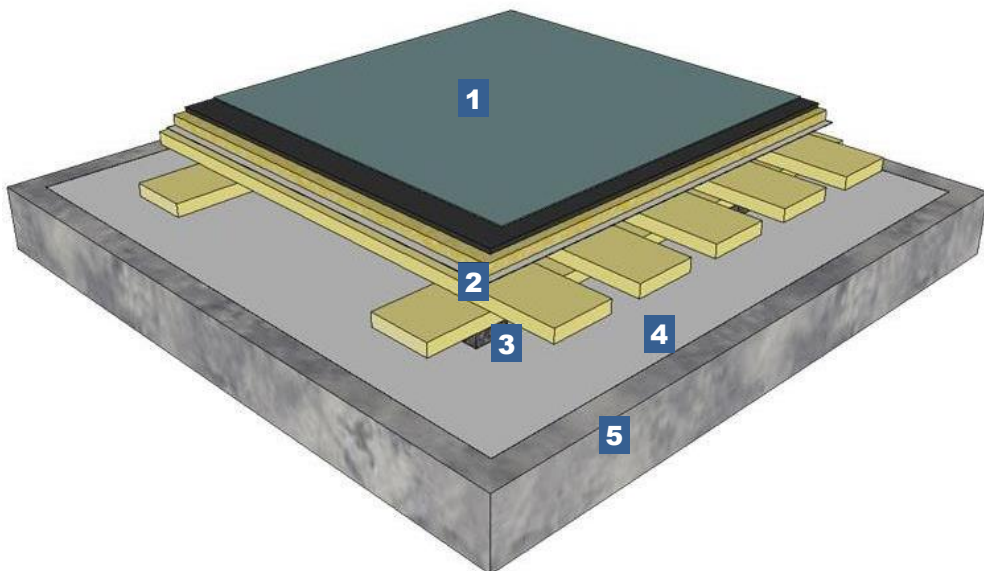
Made from stable material e.g. plywood blocks and bitumen paper, all fixed to shock pads. (Not illustrated on drawing)

4. Moisture barrier:

0.20 mm PE-folio (on concrete), laid with 200mm overlaps and taped joints.

5. Subfloor:

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



Test methods	EN standards	EN demands acc. to Class C4	Results*
Shock absorption [%]	EN 14904:2006	55 – 75	64
Standard deviation [mm]		2.3 – 5.0	3.8
Deviation, top layer [mm]		0.5 – 2.0	1.0
Ball rebound [%]	EN 12335:2004	≥ 90	95
Rolling load [N]	EN 1569	Min. 1500	>1500
Friction	EN 13036-4	80 – 110	80-110

*) Tested by Technological Institute, Denmark.

Top coating: 2mm polyurethane base coating + top coating.

Line marking: Applied directly on the PU top coating.

Renovation: Spot repairs as well as a full surface renovation possible.

MANUFACTURER

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SPECIFICATION
COMB III + PU 7+2 MM SYSTEM
G.6.3 (UK)
09-10-2019