



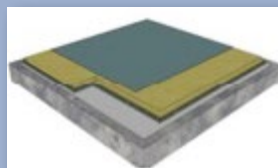
PROFESSIONAL SPORTS FLOORING



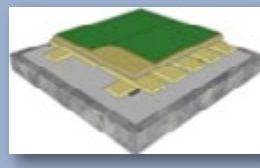
KTL is an innovator and supplier of Professional Sports Floor Systems

COMBI FLOORS II

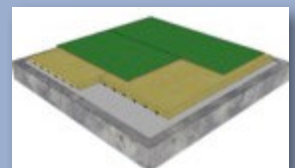
In addition to our wide range of sports floor systems, we have launched our latest generation of resilient subfloors which in combination with a top coat of Linoleum, Polyurethane (PU) or Vinyl (PVC) can be transformed into a sports floor with a specific performance, tailored to your needs.



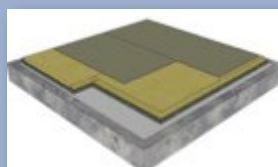
KTL COMB I + PU 2



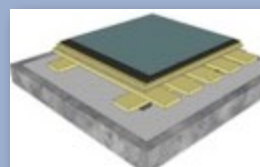
KTL COMB III + Sports Vinyl



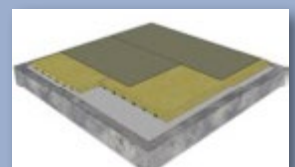
FlexiPro + Sports Vinyl



COMB I + Linoleum



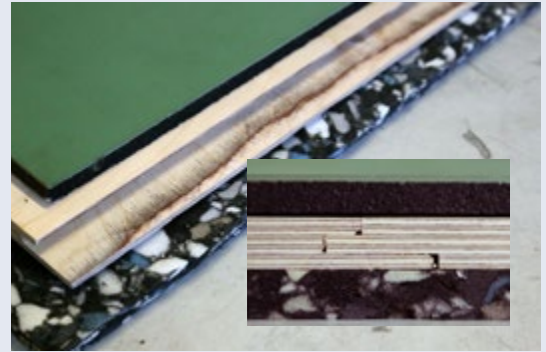
COMB III + PU 7+2



FlexiPro + Linoleum

KTL COMBI FLOORS

- **COMBI base:** 16mm special profiled FlexiBoards in birch plywood, for optimum speed of installation, laid on 15mm bonded foam over level subfloor.
- With a top coat of 7+2mm polyurethane, glued without any joints, the system is featuring high performance combi-elastic characteristics acc. to EN 14904 Class C4.
- Surface renovation possible.
- Total construction height is 40mm.



- **COMBI III:** 16mm load distributing sheet in chipboard fixed to a double layer batten system of pine boards, laid over elastic shock pads. Possible packing to 200mm over uneven subfloors.
- With a top coat of 6.5mm sports vinyl, glued with welded joints the system is featuring high performance combi-elastic characteristics acc. to EN 14904 Class C4.
- Total construction height is 73mm.



- **FlexiPro:** 21mm panels in birch plywood with special profiles jointed by edge gluing and installed over even subfloors. The base floor features progressive shock absorbency and ultimate loading capacity through the 2-step rubber strip system on the backside.
- With a top coat of 4mm linoleum, glued with welded joints, the system is featuring high performance area elastic characteristics acc. to EN 14904 – Class A4.
- Total construction height is 30mm.



TEST METHOD	EN STANDARD	EN DEMANDS ACC TO CLASSES		TEST RESULTS								
		A4 / C4	A3 / C3	COMBI base+*	COMBI + PVC 6.5	COMBI + PU 7+2	COMBI III base+*	COMBI III + PVC 6.5	COMBI III + PU 7+2	FlexiPro base+*	FlexiPro + PVC 6.5	FlexiPro + PU 7+2
				A3	C4	C4	A4	C4	C4	C4	C4	C4
Shock absorption [%]	EN 14904: 2006	55 – 75	40 – 55	59	59	59	62	65	64	60	63	63
Standard deviation [mm]		2.3 – 5.0	1.8 – 3.5	3.0	3.9	4.1	2.7	3.7	3.7	2.8	3.2	3.2
Standard deviation top layer [mm]		C4: 0.5-2.0	C3: 0.5-2.0	-	1.3	1.0	-	1.3	1.0	-	1.3	1.0
Ball rebound [%]	EN 12335: 2004	≥90		99	98	98	95	94	95	96	94	94
Rolling load [N]	EN 1569	Min. 1500		>1500	>1500	>1500	>1500	>1500	>1500	>1500	>1500	>1500
Friction	EN 13036-4	80 – 110		80-110	88	90	80-110	88	90	80-110	88	90

*) Base floor of plywood + a non-elastic floor covering, e.g. linoleum or 2mm PU



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