



PROFESSIONAL SPORTS FLOORING

PORTABLE FLOORS



KTL is an innovator and supplier of professional Sports Floor Systems

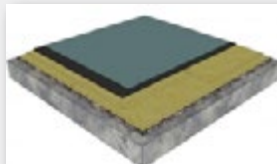
In addition to our wide range of sports flooring systems in solid hardwood, we have developed a new range of resilient subfloors, which in combination with a top coat of Linoleum, Polyurethane (PU) or Vinyl (PVC) can be transformed into a sports floor with a specific performance tailored to your needs.

KIM TECK LEE Group of Companies

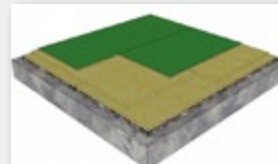
Head Office & Factory
Lot 121, Jalan 6, Olak Lempit Industries Park
42700 Banting, Selangor, Malaysia
Phone Domestic: +603 3149 3128
Fax: +603 3149 3494
Phone Export: +6012 267 6366
Email: sales@ktlfloor.com

KTL Europe
Walgerholm 7
DK-3500 Vaerlose
Denmark
Phone: +45 4432 8450
Email: tech@ktlfloor.com

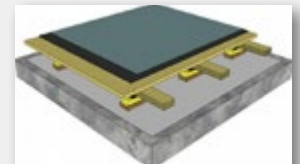
www.ktlsport.com



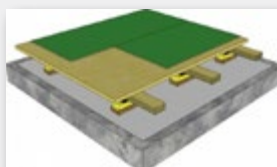
KTL COMB I + PU



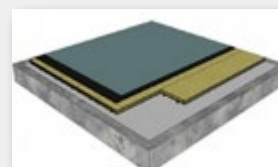
KTL COMB I + Sports Vinyl



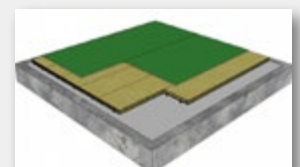
KTL COMB II + PU



KTL COMB II + Sports Vinyl



Optifloor + PU



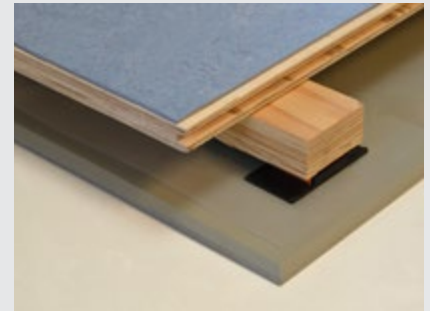
Optifloor + Sports Vinyl

KTL COMBI FLOORS

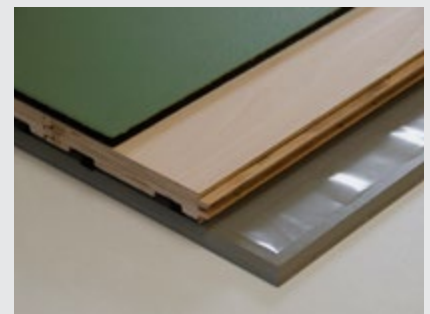
- COMB I base: 2x9mm layer of birch plywood sheets over 15mm bonded, foam installed over level subfloor
- With a top coat of 6.5mm sports vinyl, glued with welded joints the system is featuring high performance combi-elastic characteristics acc. to EN 14904, Class C4
- Total construction height is 40mm



- COMB II base: 18mm birch plywood fixed to PRO II battens, incl. high density shock pads with deformation control, installed as raised floors over uneven subfloors
- 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 64mm



- Optifloor: 21mm birch plywood boards, incl. a 2-step rubber strip system on the backside, jointed by edge gluing and installed over even subfloors
- 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 35mm



TEST METHOD	EN STANDARD	EN DEMANDS ACC TO CLASSES		TEST RESULTS						
		A4 / C4	A3 / C3	COMB I base+*	COMB I + PVC 6.5	COMB I + PU 7+2	COMB II base+*	COMB II + PVC 6.5	COMB II + PU 7+2	Optifloor + PU 7+2
				A3	C4	C4	A4	C4	C4	C4
Shock absorption [%]	EN 14904: 2006	55 – 75	40 – 55	53	59	59	62	65	64	63
Standard deviation [mm]		2.3 – 5.0	1.8 – 3.5	3.0	3.9	4.1	2.7	3.7	3.7	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	1.0
Ball rebound [%]	EN 12335: 2004	≥ 90		99	98	98	95	94	95	94
Rolling load [N]	EN 1569	Min. 1500		> 1500	> 1500	> 1500	> 1500	> 1500	> 1500	> 1500
Friction	EN 13036-4	80 – 110		80-110	88	90	80-110	88	90	90

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