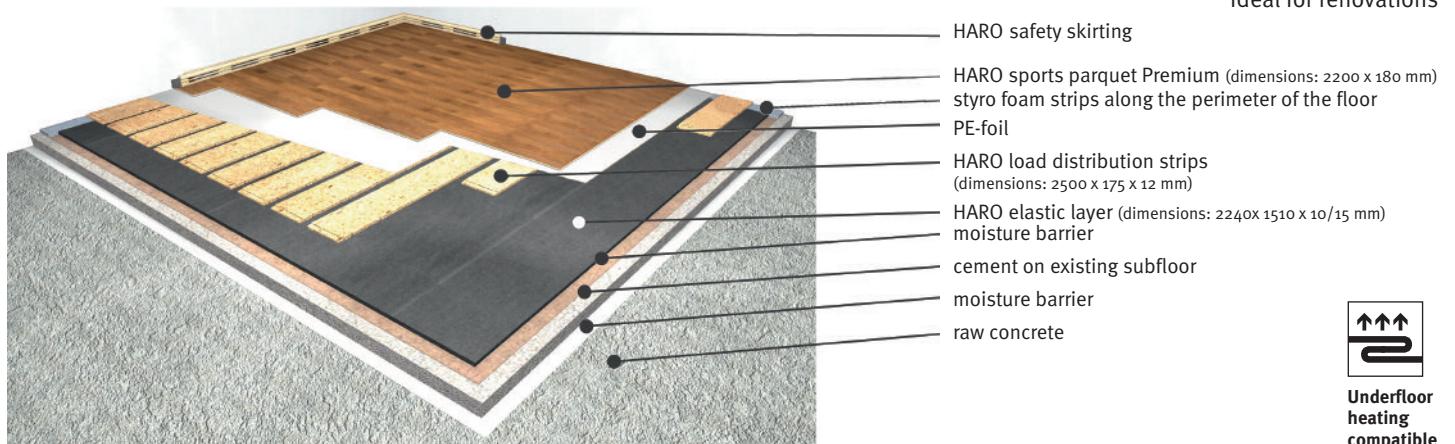


HARO Sports Floors

Dominating the game.

HELSINKI 10-10/10/15

Type: Area-elastic sports floor
Usage: sports and multi purpose facilities – ideal for renovations



Installation on an even sub-floor according to DIN 18202: 1997-04 chart 3, line 4	Model Helsinki 10-10	Model Helsinki 10	Model Helsinki 15
HARO elastic layer, joints offset, laid out loosely	10 mm	15 mm	
HARO load distribution strips tongue and groove ends, glued together, consisting of:			
• Plywood strips, width 175 mm	12 mm	12 mm	
• OSB-strips, width 175 mm			12 mm
PE-foil, 10 % overlapped, laid out loosely	0,03 mm		
HARO sports parquet Premium is an engineered hardwood flooring, glued in tongue and groove, and stapled onto the load distribution strips;			
• solid wood top layer 3,6 mm	12,6 mm		
Factory finished with the highly wear resistant PERMADUR® sealing			
Overall height of construction	34,6 mm	39,6 mm	39,6 mm
Performance Values acc. DIN 18032 Part II	Helsinki 10-10	Helsinki 10	Helsinki 15
Shock absorption, % ≥ 53 (min. value)	59 %	60 %	59%
Vertical deformation, mm ≥ 2,3 (min. value)	3,0 mm	3,0 mm	2,5 mm
Behavior under rolling load, 1500 N	✓	✓	✓
Ball reflection, % ≥ 90 (min. value)	96 %	96 %	95 %
Sliding characteristics, 0,4 – 0,6 (min./max)	0,46 / 0,52	0,44 / 0,48	0,46 / 0,53
Area deflection, % ≤ 15 (av. value)	8,03 %	1,2%	9,4 %
Concrete slab tolerances according to DIN 18202:1997-04, figure 3	3 mm (1/8") in a radius of 1 meter (3' 3") 9 mm (3/8") in a radius of 4 meter (13' 1") 12 mm (1/2") in a radius of 10 meter (39' 4") 15 mm (5/8") in a radius of 15 meter (49' 2")		

Models HELSINKI 10-10/10/15 entirely meet and exceed the EN 14904, FIBA rules 2010, DIN V 18032-2; April 2001 and are subject to the annual quality control RAL GZ 942.

