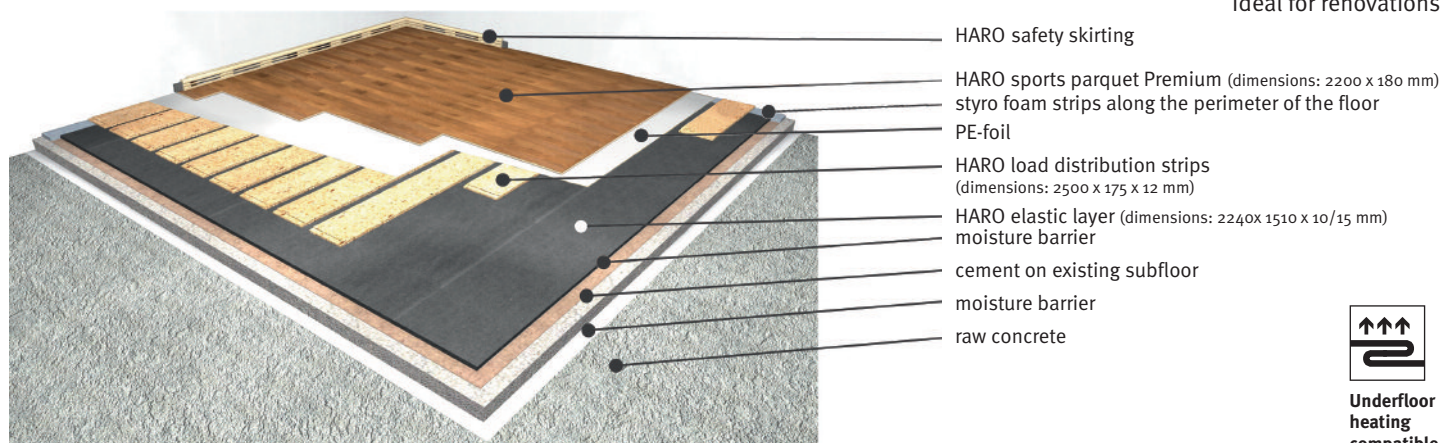


HARO Sports Floors

Dominating the game.

HELSINKI 20/25

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



Underfloor heating compatible

Installation on an even sub-floor according to DIN 18202: 1997-04 chart 3, line 4	Model Helsinki 20	Model Helsinki 25
HARO elastic layer, joints offset, laid out loosely	15 mm	15 mm
HARO load distribution strips tongue and groove ends, glued together, consisting of:		
• Plywood strips, width 175 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 nailed onto the load distribution strips;		
• solid wood top layer 5,6 mm	18,3 mm	
Factory finished with the highly wear resistant PERMADUR® sealing		
Overall height of construction	45,3 mm	

Performance Values acc. DIN 18032 Part II	Helsinki 20	Helsinki 25
Shock absorption, % ≥ 53 (min. value)	58 %	60 %
Vertical deformation, mm ≥ 2,3 (min. value)	3,0 mm	2,5 mm
Behavior under rolling load, 1500 N	✓	✓
Ball reflection, % ≥ 90 (min. value)	98 %	94 %
Sliding characteristics, 0,4 – 0,6 (min./max)	0,44 / 0,48	0,44 / 0,50
Area deflection, % ≤ 15 (av. value)	2,3 %	6,0%

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")
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Models HELSINKI 20/25 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. Model Helsinki 20 is also subject to the Austrian standard ÖISS directive 08/2005.

