



Ace Floors & Coatings  
39B Lillie Crescent  
Tullamarine Vic  
3043

### **ACE FLEX by ACE FLOORS & COATINGS**

Ace Flex 42 is a purpose designed engineered timber sports floor system – ideal for use in professional and educational sports environments

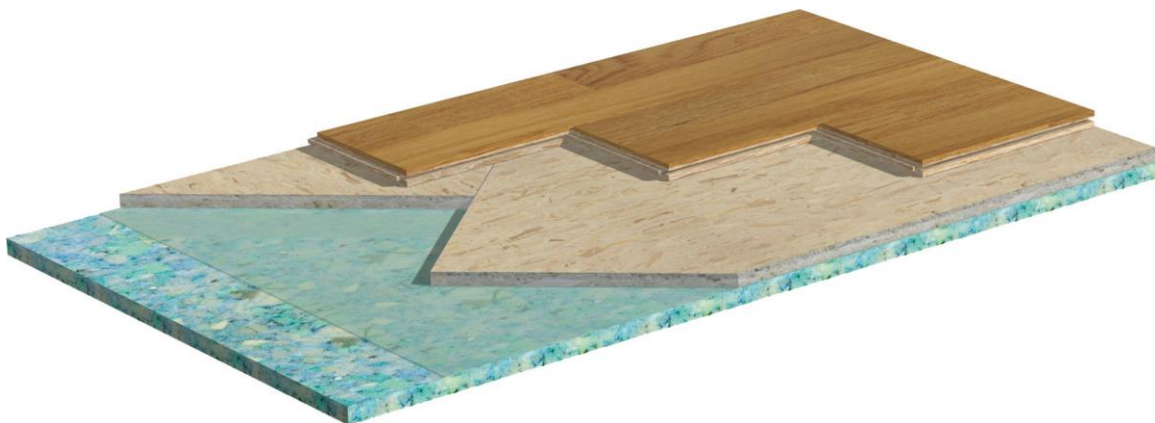
At the heart of each ACE FLEX sports floor is our German engineered sprung understructure, providing completely uniform performance across the entire flooring area.

The Ace Flex system has a resilient layer of 15mm Polyurethane cushion. This has been rigorously tested for over 25 years with negligible sign of deterioration (less than 1%) – a true testament to the long performance designed into our sports flooring systems

The fully supported engineered load distribution layer creates a durable and sound base to affix the sports parkett wearing surface. The full panels are laid over the entire floor (gap free) at a 45degree angle ensuring the maximum stability of the construction as a whole. Complete uniformity of performance is created with this construction.

The Ace Flex Parkett is exceptionally dimensionally stable. The boards are available in either beautiful European Oak or Ash timber species. They feature a 3-ply balanced construction for increased dimensional stability and a 3.5mm solid hardwood wear surface. This cross-layer construction ensures that the floor can be installed without any internal expansion lines (as required with a solid timber). Once installed - the floors appear as a mono-sheet with an even appearance to match their high performance.

Finally, Ace Flex lacquer is purpose designed for sport. The hardwearing UV cured surface is highly abrasion resistant and meets both the German DIN and European wide EN19404 sports standards. There is no need for additional site applied coats of lacquer to seal the floor after installation. Ace Flex boards and lacquer are completely solvent and formaldehyde free meeting the E1 emissions standard





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Test Method	EN Standard	Requirement To Class A4	Test Results
Shock Absorption (%)	EN 14904: 2006	55-75	60%
Standard Deviation (mm)	EN 14904: 2006	2.3 – 5.0	3.5mm
Ball Rebound (%)	EN 12335: 2004	≥	98
Rolling Load (N)	EN 1569	Min 1500	>1500
Friction	EN 13036-4	80 – 110	80-90
<b>Other Tests</b>			
Friction	DIN 18032	0.4 – 0.6	0.41
Loading Capacity	EN1533	4.0kn	5.0kn





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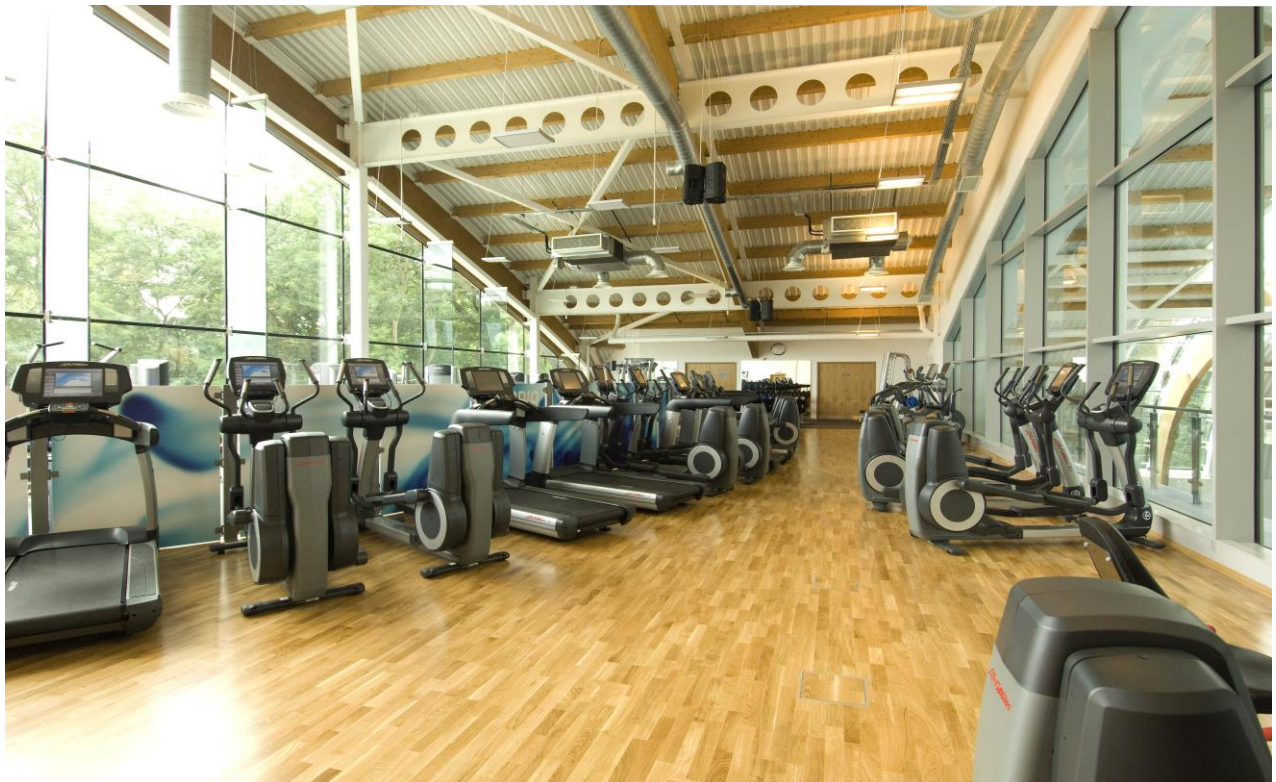
### Ace Flex Parkett – Technical Properties

Length: 2250mm  
Width: 190mm  
Hardwood wear surface: 3.5mm  
Thickness: 14mm

Formaldehyde Content:	EN14342	E1
Pentachlorophenol:		None present
Chemical Resistance:	EN13442	No damage
Burning Class:	EN13501	Cfl- S1
Abrasion Resistance:	EN13696	>180
Reflection (85°)	EN2813	<30%



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Email; [info@aceflooring.com.au](mailto:info@aceflooring.com.au) – Web; [www.aceflooring.com.au](http://www.aceflooring.com.au) - Phone; 1300 453 396