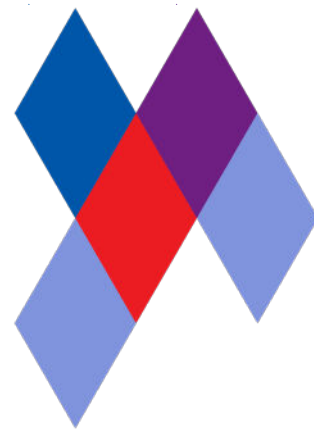


# Harlequin Woodspring™



**Harlequin Woodspring** is a wooden sprung floor system that is a modern update of the traditional 'basket weave' construction. It has a counter batten configuration, comprising a triple layer of custom machined southern yellow pine arranged at right angles. Shock absorption and energy return are enhanced by dual-density elastomer blocks attached at predetermined intervals to the underside. Layers of flexible MDF and plywood panels are installed on the battens which support the chosen Harlequin performance top surface. Harlequin Woodspring is suitable for all genres of dance.

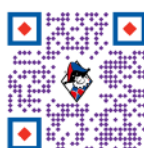
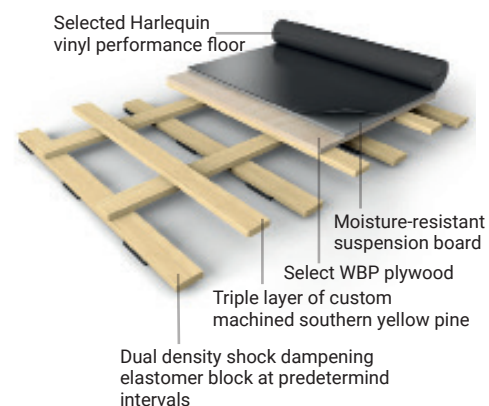
**Performance surface:** Harlequin Woodspring can be used with a variety of Harlequin performance surface options from the Harlequin range of performance vinyls and solid or engineered wood finishes.

**Installation:** Harlequin Woodspring can be laid on any smooth flat surface. If a Harlequin vinyl performance floor is chosen, a moisture-resistant suspension board will be included underneath, along with a colour-matched composite edging profile which will be installed around the finished edges. If a solid hardwood or engineered wooden top surface is chosen, the skirting will be optional.

## Specification Guide

Permanent or Portable	Permanent
Minimum Floor Thickness	
Woodspring	91mm without a chosen vinyl top surface
Woodspring and Engineered Wood	97mm including 15mm engineered top surface
Woodspring and Solid Wood	102mm including 20mm solid wood top surface
Weight	24kg/m <sup>2</sup> (Without surface)
Testing Standard	BS EN 14904:2006
Shock Absorption	64%
Vertical Deformation	3.3mm
Area Deflection	14.9%
Rolling Load	>1500 N
Testing Standard	BS EN 1991-1-1:2002
Point Load	>3.60kN
Uniform Distributed Load	>10.00kN
Fire Rating	Bfls 1 to EN 13501
Impact Generated Sound Level within room (Lw)	95.1dB
Thermal Resistance - R Value	1.59 m <sup>2</sup> K/W
Thermal Insulation - U Value	0.63 W/m <sup>2</sup> K
Category of Use	A4
VOC Emissions	<0.10 mg/m <sup>3</sup>
Warranty	10 years
Installation	Installed by Harlequin
Underfloor Heating	Suitable for use with underfloor heating

Not to scale



If you would like further information or advice please contact us on  
+44(0) 1892 514 888 or [enquiries@harlequinfloors.com](mailto:enquiries@harlequinfloors.com)

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Who dances  
on Harlequin  
Woodspring™

**SCOTTISH  
BALLET**

Scottish Ballet



**WILLMOTT DIXON**

**SINCE 1852**

**USC Kaufman**

Glorya Kaufman School of Dance



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