



Harlequin WoodSpring is a permanently installed sprung floor system that is a modern interpretation of the traditional 'basket weave' which originated in the 19th century. WoodSpring blends a traditional construction approach with the technology of today's materials. The "spring" in basket weave construction comes from the natural flexing and recovery of the triple layer of battens, which is enhanced by shock-absorbent elastomer pads. Harlequin WoodSpring is comprised of a triple layer of wooden bearers laid at right angles to one another onto shock-absorbent elastomer pads attached to the underside of the bottom layer. The bearers are then covered with either a Harlequin vinyl performance surface or solid hardwood. The selection of lumber, batten and pad spacing, insulation, and installation are proprietary to Harlequin Floors and critical to long-term performance.

Performance surface: Harlequin WoodSpring is finished by choosing an appropriate Harlequin vinyl or engineered hardwood performance surface.

Installation: Designed for permanent installation Harlequin WoodSpring must be installed through Harlequin's contracts division and each custom installation is backed by a Harlequin guarantee.

Specification Guide

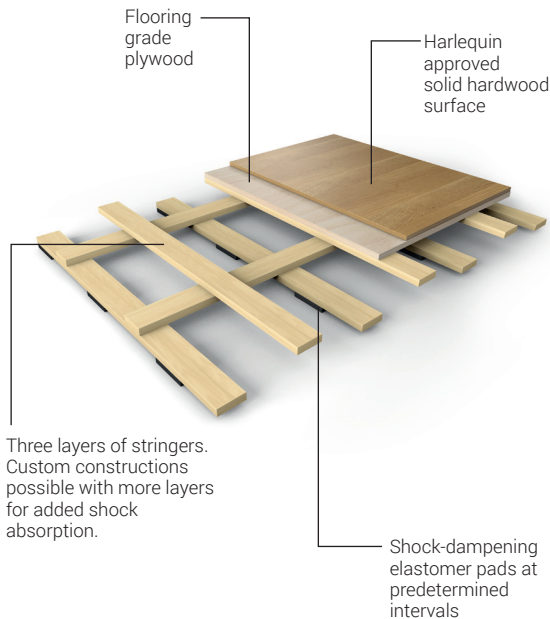
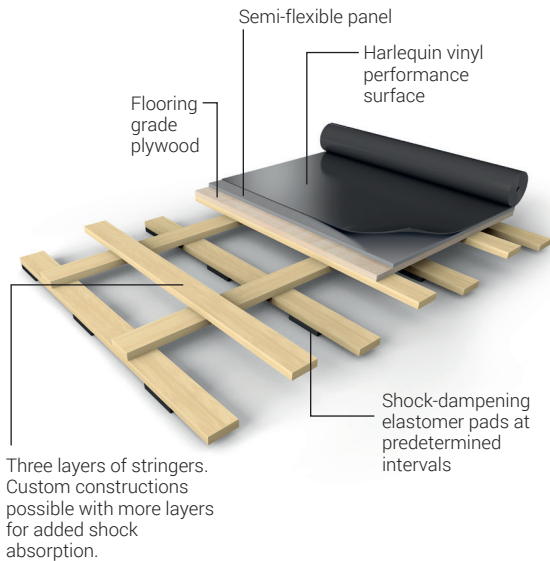
Installation	Permanent
Overall thickness	3½" nominal (without vinyl performance surface) 3⅝" nominal (with vinyl performance surface) 4¼" nominal (with hardwood)
Weight	5.6 lb/ft² (with vinyl performance surface) 7 lb/ft² (with hardwood)
Testing standards	DIN 18032-2
Average shock absorption	64%
Uniform distribution Load	>2248 lb
Point load	>809 lb
Rolling load	>1500 N
Vertical deformation	3.3mm
Area deflection	14.9%
Fire rating	Bfls 1 to EN 13501

Harlequin Sprung Floor Application Guide

Along with Harlequin Activity, we offer additional sprung flooring options, which are listed below along with the recommended surface. These recommendations are based on experience and customer preference only. Please contact a Flooring Specialist to determine which option best suits your requirements.

✓ = We recommend.

	Allegro	Cascade	Fiesta	FreeStyle	Hardwood	Hi-Shine	Marine	Reversible	Reversible Pro	Standfast	Studio	Studio B
Activity		✓	✓	✓	✓		✓			✓	✓	✓
AeroDeck		✓	✓	✓		✓		✓	✓	✓	✓	✓
Flexity		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Liberty HD		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Liberty LatchLoc		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
WoodSpring		✓	✓	✓	✓		✓			✓	✓	✓



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The Company reserves the right to make any variation in design or construction of the material described.
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CALL 800-642-6440 or VISIT www.harlequinfloors.com

For samples or information on Harlequin Floors complete range of vinyl and sprung floors.