



Harlequin WoodSpring is a permanently installed sprung floor system that is a modern update of the traditional 'basket weave' construction originated in the 19th century. Harlequin's modern interpretation 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 semi-flexible panels and 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.

Harlequin WoodSpring can be used as a subfloor for all types of dance, including percussive, and is a top choice of professional dance companies.

Harlequin WoodSpring must be installed through Harlequin's Contracts Division and each custom installation is backed by a Harlequin guarantee.

Specification Guide

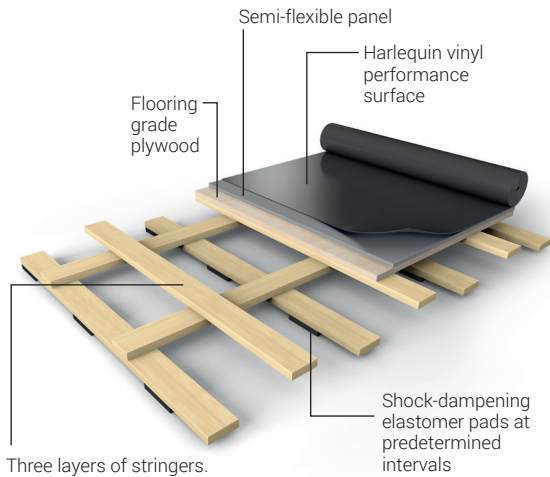
| | |
|--|--|
| Installation | Permanent |
| Finish | Harlequin Vinyl Performance or Approved Hardwood Surface |
| Weight | 37-46 lbs/yd ² |
| Overall Thickness | 3 1/2" nominal |
| Testing Standards | DIN 18032-2 |
| Average Shock Absorption (Min. 53%) | 64% |
| Vertical Deformation (Min. 2.3mm) | 3.3mm |
| Area Deflection (Max 15%) | 14.9% |
| Rolling Load (Min. 1500N) | >1500 N |

Harlequin Sprung Floor Application Guide

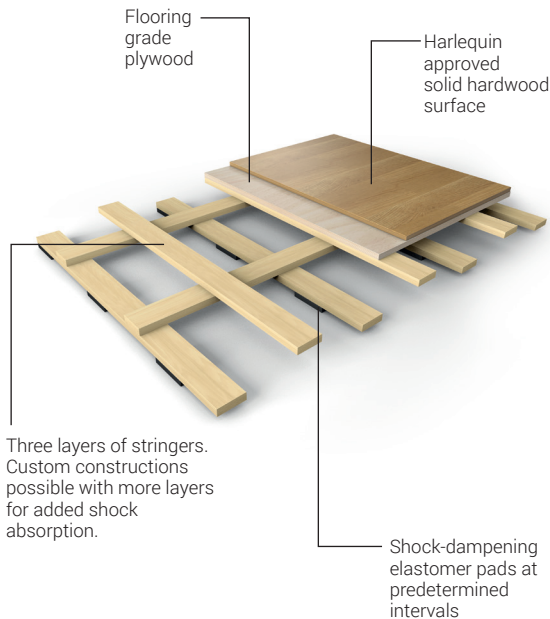
Along with Harlequin WoodSpring, we offer additional sprung flooring options, which are listed below along with the recommended surface. These recommendations are based on experience and customer preference only. Please contact a Flooring Specialist to determine which option best suits your requirements.

✓ = 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 | | ✓ | ✓ | ✓ | ✓ | | ✓ | | | ✓ | ✓ | ✓ |



Three layers of stringers. Custom constructions possible with more layers for added shock absorption.



Three layers of stringers. Custom constructions possible with more layers for added shock absorption.

American Harlequin Corporation
1531 Glen Avenue
Moorestown, NJ 08057

(800) 642 6440
contact@harlequinfloors.com
harlequinfloors.com

The Company reserves the right to make any variation in design or construction of the material described.
© Harlequin Floors 8/2021.

PHILADELPHIA
LOS ANGELES
LAS VEGAS
LONDON
PARIS
BERLIN
LUXEMBOURG
MADRID
SYDNEY
HONG KONG
TOKYO

CALL 800-642-6440 or VISIT www.harlequinfloors.com

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