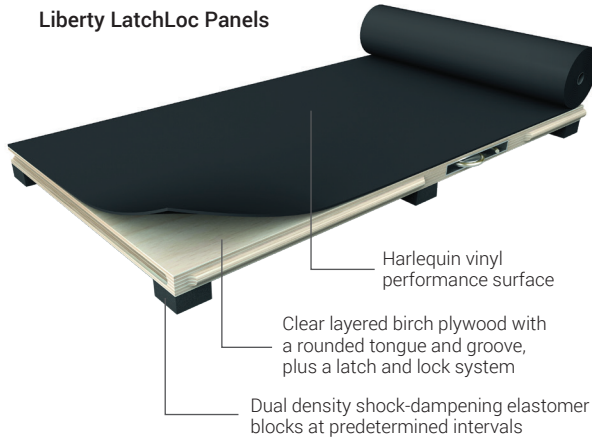
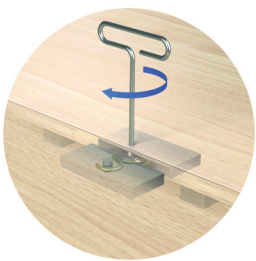
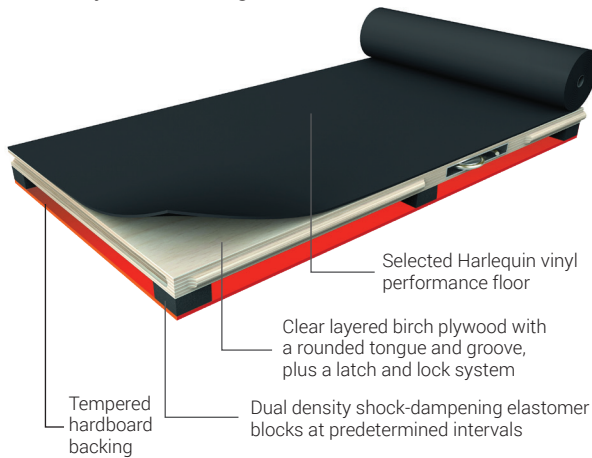




## Liberty LatchLoc Panels



## Liberty LatchLoc Stage Panels



Harlequin's 'latch and lock' system

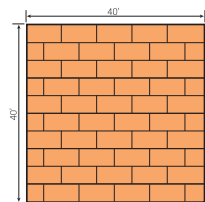


Diagram of 'brickwork fashion'

## 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.  
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**Harlequin Liberty® LatchLoc** is a modular, sprung dance floor panel system manufactured from lacquered birch plywood featuring shock-damping dual-density elastomer pads. The panels join using a rounded tongue and groove and are secured in place using our proprietary 'one turn of the key' latch and lock mechanism.

**Performance Surface:** Harlequin Liberty LatchLoc panels can be finished by choosing an appropriate Harlequin performance vinyl floor from our range. For easy storage and transportation, Harlequin's vinyl and panel storage carts are available.

**Installation:** Harlequin Liberty LatchLoc panels are designed for portable installations and are available as stage panels for touring use. Stage panels have tempered hardboard attached to the underside for ease of sliding the panels into position and to protect the elastomer blocks. The panels are quick and easy to install and can be installed by Harlequin or the customer. The panels are laid in a 'brickwork fashion' onto the subfloor so that cross joins do not coincide.

Solid kerbs and ramps are available for stage use or where the sprung floor does not extend to the studio walls.

## Specification Guide

|                           |                                                                                                       |
|---------------------------|-------------------------------------------------------------------------------------------------------|
| Installation              | Portable / Modular                                                                                    |
| Floor panel size          | Full 96" x 48", Half 48" x 48"                                                                        |
| Overall thickness         | 1 1/2" nominal (without vinyl performance surface)<br>1 5/8" nominal (with vinyl performance surface) |
| Weight                    | 92 lb full size, 46 lb half size<br>Stage 94 lb full size, 47 lb half size                            |
| Testing standards         | DIN 18032-2                                                                                           |
| Average shock absorption  | 67%                                                                                                   |
| Uniform distribution Load | >2248 lb                                                                                              |
| Point load                | >809 lb                                                                                               |
| Rolling load              | >1500 N                                                                                               |
| Vertical deformation      | 4.1mm                                                                                                 |
| Area deflection           | 12.8%                                                                                                 |
| 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       |         | ✓       | ✓      | ✓         | ✓        |          | ✓      |            |                | ✓         | ✓      | ✓        |

**CALL 800-642-6440 or VISIT [www.harlequinfloors.com](http://www.harlequinfloors.com)**

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