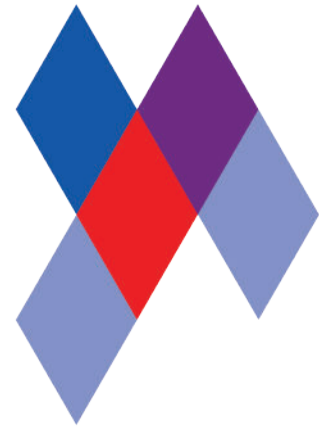


Harlequin Liberty HD™



Harlequin Liberty HD is a development of our renowned Liberty sprung floor panel system, designed with enhanced durability in mind for more challenging environments. Harlequin Liberty HD is a birch plywood sprung floor panel system featuring shock dampening dual-density elastomer pads. The panels are coated with a black polymer resin, with a textured, high-grip pattern on the top surface which is high-wear, slip-resistant and weatherproof. 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. Harlequin Liberty HD provides consistent shock dampening across the floor and offers the same feel and energy return to one or several dancers.

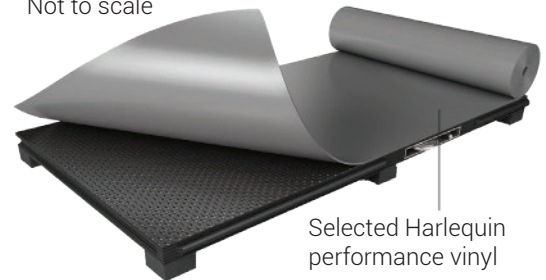
Performance surface: Harlequin Liberty HD can be used with a variety of Harlequin performance vinyls. Edge trims and ramps are available if required. For easy storage and transportation please see Harlequin's panel cart.

Installation: Harlequin Liberty HD is designed for both permanent or portable installation. The panels are laid in a 'brickwork fashion' onto the sub-floor so that cross joins do not coincide.

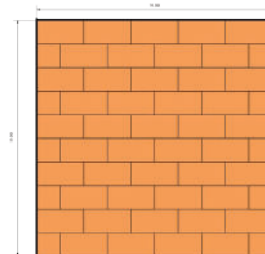
Specification Guide

Permanent or Portable	Both
Panel Size	2m x 1m & 1m x 1m
Minimum Floor Thickness (exclusive chosen surface)	37mm
Weight	12.5kg/m ² (Without surface)
Testing Standard	BS EN 14904:2006
Shock Absorption	67%
Vertical Deformation	4.1mm
Area Deflection	12.8%
Rolling Load	>1500 N
Testing Standard	BS EN 1991-1-1:2002
Point Load	>3.60kN
Uniform Distributed Load	>10.00kN
Fire Rating	Bfl-s1 to EN 13501
Impact Generated Sound Level within room (Lw)	104.20dB
Thermal Resistance - R Value	1.52 m ² K/W
Thermal Insulation - U Value	0.658 W/m ² K
Category of Use	A4
VOC Emissions	<0.10 mg/m ³
Warranty	10 years, 5 years if not installed by Harlequin
Installation	Installed by Harlequin or the customer
Underfloor Heating	Suitable for use with underfloor heating

Not to scale



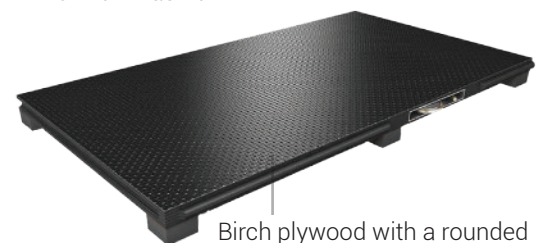
Selected Harlequin performance vinyl



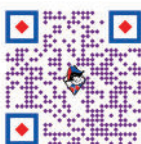
Harlequin Liberty Panels are laid in a 'Brickwork Fashion'



Harlequin's 'latch and lock' system



Birch plywood with a rounded tongue and groove plus a latch and lock system



If you would like further information or advice please contact us on +352 46 44 22 or info@harlequinfloors.com

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