

# Harlequin Flexity®

**Harlequin Flexity®** is a self-install sprung floor system featuring stained birch plywood panels and shock-dampening single density elastomer pads.

**Performance surface:** Harlequin Flexity can be used with a variety of performance surfaces. Harlequin have a range of performance vinyls and solid or engineered wood finishes to choose from. Ramps are available if required.

**Installation:** Harlequin Flexity is designed for permanent or semi-permanent installation. The panels join using a tongue and groove system and can be glued together for permanent installation or fixed using wood screws for a semi-permanent solution. The Harlequin Flexity panels are laid in such a way that cross joins do not coincide. This provides consistent shock dampening across the floor and offers the same feel and energy return to one or several dancers.



All Harlequin wooden sprung floors are 100% recyclable.

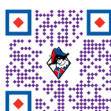
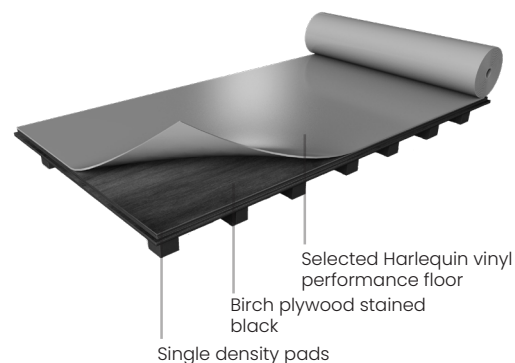


Harlequin sprung floor panel systems are extremely durable and are designed to be reused many times.

## Specification Guide

|                                                              |                                                                             |
|--------------------------------------------------------------|-----------------------------------------------------------------------------|
| Permanent or Portable                                        | Permanent or Semi-Permanent                                                 |
| Panel Size                                                   | 1.125m x 2.250m                                                             |
| Dance Surface Area                                           | 1.089m x 2.214m                                                             |
| Minimum Floor Thickness (before inclusion of chosen surface) | 37mm                                                                        |
| Weight                                                       | 11.85kg/m <sup>2</sup> (Without surface)                                    |
| Testing Standard                                             | BS EN 14904:2006                                                            |
| Shock Absorption                                             | 67%                                                                         |
| Vertical Deformation                                         | 3.9mm                                                                       |
| 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                                                  | Bfls 1 to EN 13501                                                          |
| Impact Generated Sound Level within room (Lw)                | 104.20 dB                                                                   |
| Thermal Resistance - R Value                                 | 0.298 m <sup>2</sup> K/W                                                    |
| Thermal Insulation - U Value                                 | 3.356 W/m <sup>2</sup> K                                                    |
| Category of Use                                              | A4                                                                          |
| VOC Emissions                                                | <0.10 mg/m <sup>3</sup>                                                     |
| Warranty                                                     | 10 years if installed by Harlequin<br>5 years if not installed by Harlequin |
| Installation                                                 | Installed by Harlequin or for self-installation                             |
| Underfloor Heating                                           | Suitable for use with underfloor heating                                    |

Not to scale



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# Who dances on Harlequin Flexity®

Blommaert  
Ballet School



**WORLD CLASS**  
ALL STAR DANCE



If you would like further information or advice please contact us  
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Ballet Tanzentrum NRW

Dance Revolution