

**HARLEQUIN STANDFAST PORTABLE™**  
**FLOORING MATERIAL SAFETY DATA SHEET**

**PRODUCT PHYSICAL DATA SPECIFICATIONS**

- Flame Spread:** Tested to BS.476: Part 7: 1971, Harlequin Standfast Portable obtains a Class 1 Rating.
- Color Fastness:** All colors pass the Blue Wool Scale rating S6 for color fastness.
- Performance:** Dimensional stability, flexibility and residual indentation conform to BS.3261: Type A.
- Slip-Resistance:** Under wet conditions the slip-resistance of Harlequin Standfast Portable is impaired. Independent tests conducted at SATRA, CAMRASO, and CERAM RESEARCH have established that the embossed finish provides greater traction underfoot and generally outperforms all similar PVC slip-resistant floor finishes when wet.
- Precautions:** No special Health and Safety precautions are required when handling or installing Harlequin Standfast Portable. Good manual techniques should always be used with heavy items. These are described on the roll label.

**Coefficient of Friction (COF):**

(ASTM C 1028-89) surpasses former ADA guidelines

(ASTM F 1679-00) Flat and Ramp – surpasses former ADA guidelines

COF NOTES: In-service COF dependent on local factors such as cleanliness, maintenance procedures, dressing used, types of footwear used or spillages.

## **Flame Spread**

(ASTM E 648-97 Class 1 per NFPA 253)

## **Smoke Density**

(ASTM E662/NFPA 258)

## **Abrasion Resistance**

(ASTM D3884) Net weight loss after 1,000 revolutions: 0.4%

## **Static Load Limit**

(ASTM F 970-87) Residual compression – after exposure to a load of 125 lbs/24 hr - .004”

**FMVSS 302:** Passes

**Flexibility:** (ASTM F 137) Passes

## **PRODUCT COMPOSITION**

**Harlequin Standfast Portable comprises Poly Vinyl Chloride (PVC) resins, plasticizer, filler and pigments. The pigments used are selected inorganic material base colors and are highly fade resistant and stable against most physical factors such as heat, cold and moisture.**

**As with most vinyl floorings, Standfast Portable resists attack from most chemicals including dilute acids. Strong organic solvents such as acetone and tetrahydrofuran will soften the surface of the product.**

## **SPECIFICATIONS**

<b>Gauge:</b>	<b>1/12" (2mm)</b>
<b>Sheet Width:</b>	<b>78"</b>
<b>Sheet length:</b>	<b>20m (65', 7")</b>
<b>Weight:</b>	<b>4.8 lbs/yd</b>

## **STORAGE AND HANDLING**

- 1. Always keep Harlequin flooring firmly wound onto the cardboard cores (tubes) from the original packaging. This helps to prevent the flooring being flattened or dented and makes handling easier. If you lose or damage the cores replace them at once with e.g., lengths of plastic drainpipe of as large a diameter as possible - minimum 100mm (4") diameter.**
- 2. Never wind up the rolls without a core inside, and particularly never store them horizontally on top of each other with no core to support them: this will certainly cause them to flatten and oval, resulting in stubborn or permanent ripples.**
- 3. The ideal way to store Harlequin flooring is to pass a long metal or wooden bar through the core and hang the two protruding ends of the bar from strong hooks.**

**Alternatively, store your Harlequin floor horizontally, not on end. If you have to store the rolls flat, make sure that they are not piled more than 2 high and lay no heavy objects on top.**

## **TEMPERATURE**

**No harm is done to Harlequin floors if they are stored at sub-zero temperatures, but if they are deep-frozen, the flooring becomes harder and is easily damaged. Avoid, for instance, dropping rolls in this condition. This is a particular danger when you are unloading them on tour. Bring the rolls to room temperature before unrolling them. To speed things up, gradually ease back the outer turns as the roll unfreezes; this will help the rest of the roll to warm up more quickly.**