

INSTALLATION OF REVERSE PRINTED HARLEQUIN CLARITY

HARLEQUIN CLARITY

Harlequin Clarity is a heavy-duty contract quality vinyl sheet flooring. Comprising of only PVC resin, plasticisers, and no filler, it makes the product 'Clear' (see through) and therefore an ideal medium for reverse printing of images. The benefit is that the full thickness of the product acts as a wear layer making it very durable and hard wearing. Supplied in roll format, it is suitable for both permanent as well as loose-lay installation.

PREPARATION FOR INSTALLATION

Thoroughly sweep the sub floor to remove grit and dust before laying down your new Harlequin floor. If needs be, mop the floor with a damp mop and allow to dry before loose laying down the floor. Before cutting and/or taping your floor, we always recommend that you unroll it and let it 'relax' for at least 48 hours at room temperature (approximately 18°C) to allow any inherent processing stresses to relax out.

PRE-INSTALLATION INSTRUCTIONS

1. Unroll the sheet material and allow it to relax at least 48 hours before cutting and fitting.
2. When cutting rolls of Harlequin flooring, be sure to measure the entire length of the roll. When cutting sheets of the floor, add an amount 1% longer than required. Harlequin will not be responsible for discrepancies once the floor has been cut.
3. Cut and fit material by using underscribing.
4. Keep knives sharp and all installation tools in good working condition.

PERMANENT INSTALLATION

1. After the sheets have been cut to fit and are placed in their final position, turn half the length of the first sheet to be installed towards the centre of the room. Spread the recommended adhesive (F.Ball and Co. Ltd - F46, F47 or F49) over the exposed substrate and allow to set until it becomes slightly tacky. Next, place that half of the vinyl floor into the adhesive while using both hands to gently roll the floor into the adhesive. Do not drop the floor into the adhesive as air could become entrapped.
2. Next, fold back the other half of the sheet and then spread the recommended adhesive over the rest of the area.
3. Check carefully for adhesive transfer. In addition, remove excess adhesive where necessary.
4. Proceed with the installation as outlined above with each sheet until all sheets have been laid.
5. Following installation the seams should be cold welded to provide a seamless impervious layer.

COLD WELDING

This is a procedure of injecting a PVC solvent into the hairline joins of the flooring. The solvent dissolves and fuses the adjacent sheets to form an impervious joint. Grooving is not carried out. A point to note is that excessive application will result in solvent fluid running onto the surface of the Harlequin flooring. Damage from this can be prevented by first applying 25mm paper masking tape along the seams, then carefully slitting along the seam with a sharp blade. Remove the masking tape when the weld has set.

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TEMPORARY INSTALLATION

(TOP TAPING)

For the installation of Harlequin Clarity by taping the top surface, we recommend the use of Harlequin Hi Performance Clear Floor Tape. Should you choose not to use Harlequin tape, please check with the tape manufacturer to ensure that the adhesive on their tape is suitable for use with Harlequin Vinyl Dance Floors.

lay the lengths of the Vinyl floor side by side. It is advisable to leave a gap of about 3mm in areas of high temperature fluctuations. Unroll a few centimetres of tape onto the join, then unwind the tape in a good straight line and lay it onto the seam. Weight down the end of the tape to hold it tight and in place. Tape all of the joins in this way. Finally, tape down any exposed edges of the floor, such as in doorways.

TEMPORARY INSTALLATION

(UNDER TAPING)

For the installation of Harlequin Clarity by taping the underside, we recommend the use of Harlequin approved NEC double-sided tape along with Harlequin approved printing.

For best results to protect both the substrate and the ink on the printed under side. This will ensure that both the substrate and the printed side are adhered with a 'low tack' adhesive.

- 1) Using Harlequin approved NEC Double sided tape, adhere it 'Unfaced LOW TACK side' along a centre length on the substrate. Do not remove the release paper from the tape as yet.
- 2) Having loose laid the floor, align the edge of the vinyl fully overlapping the strip of the tape adhered to the substrate.
- 3) Fold the vinyl sheet back on itself along the length. Adhere another strip of the NEC double-sided tape 'unfaced', low tack side onto the printed side of the vinyl flooring. Do not remove the top release paper from the tape as yet.
- 4) Once tape on the substrate and the edge of the vinyl are fully aligned, starting at one end remove the release paper from the tape adhered to the substrate, followed by the tape adhered to the underside of the vinyl brushing out any air bubbles with a soft broom as you go.

*** Please note that all tests have been conducted and approved using Harlequin recommended printing and in combination with Harlequin approved NEC Double Sided tape. Harlequin cannot be held responsible for any failures due to deviations from the above.

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