

# TECHNICAL INFORMATION MANUAL

Section eleven

## INLAID DESIGNS & BORDERS



# INLAID DESIGNS & BORDERS

Conditioning & installation instructions of inlaid designs and borders.

## 11.1 INTRODUCTION

The Polyflor Design Service inlaid motifs and border designs are manufactured under strictly controlled conditions to produce the close-fitting pieces which make up the design. To duplicate the close-fitting on site, it is important to ensure the design is correctly conditioned prior to laying.

## 11.2 CONDITIONING

The Polyflor Design Service waterjet design should be removed from the packaging and laid on a flat surface and conditioned, together with the rolls of vinyl or vinyl tiles and water-based adhesive, at a temperature of at least 18°C (64°F) for a minimum of 24 hours prior to and during installation, and at least 24 hours afterwards.

## 11.3 WELDING – DRY AREAS

Welding is not a standard requirement of the Polyflor Design Service waterjet designs and should only be carried out on the most simple of designs such as squares, circles etc.

Where border designs are to be incorporated into the floor, consideration as to whether welding would affect the definition of the border lines, thus affecting the finished appearance, should be given.

## 11.4 WELDING – WET AREAS

Where motifs or designs are to be laid into wet areas, either an approved epoxy resin or polyurethane adhesive should be used. Alternatively the motifs or designs could be welded after consideration of the effect on the finished appearance.

## 11.5 INSTALLATION INSTRUCTIONS FOR MOTIFS (with a rectangular outer frame)

As normal practice, slab the lengths and fit and loose lay the main area.

- ▶ Place the Polyflor Design Service motif into position on top of the loose laid material and secure with masking tape to prevent movement.
- ▶ Trace the top and right hand side of the rectangular edge frame with a knife and remove the motif. Also trace a diagonal line from the start point to the finish point, forming a triangle. Cut through and remove triangle waste.
- ▶ Reposition the motif so that it butts up tightly to the two newly cut edges. The two remaining sides can now be traced and cut through.

1. By cutting in the rectangle in two stages, a tighter joint will result.
2. Always trace and cut through in one direction for best results.

- ▶ Adhere the motif using a correctly notched trowel and approved adhesive, and roll with a 68kg roller.
- ▶ Remove clear film from the face of the motif and remove any adhesive traces. Any minor adjustments to the motif should be made whilst the adhesive is wet.
- ▶ Fold back the main length(s) away from the motif, and adhere as above. Ensure when placing the material into the adhesive that the joint(s) abutting the motif are tight, and roll with a 68kg roller.
- ▶ Turn back the other half of the length and adhere and roll as before.



### 11.6 INSTALLATION INSTRUCTIONS FOR ALL MOTIFS/DESIGNS

For best results the following method should be followed, this will minimise the risk of cutting into the design.

- ▶ Place the Polyflor Design Service motif into position and mark around with a pencil – this will act as a Adhesive line.
- ▶ Adhere the motif using a correctly notched trowel and approved adhesive and roll with a 68kg roller.
- ▶ Remove clear film from the face of the motif and remove any adhesive traces. Any minor adjustments to the motif should be made whilst the adhesive is wet.
- ▶ As normal practice, slab the lengths, fit and loose lay the sheet material into the area. Trim the excess back which is overlapping the motif to within a 25mm overlap.
- ▶ Fold back the main length(s) away from the motif, and adhere as above. Ensure when placing the material into the adhesive that the seams are tightly abutted.
- ▶ Turn back the other half of the length(s), adhere and roll as necessary.
- ▶ Using a (correctly gauged) recess scribe position as necessary and

#### KEY POINT

Always trace and cut through in one direction for best results.

scribe the overlapping sheet material. Run through the scribe with a sharp blade to ensure a clean cut.

- ▶ Roll the outer edge of the motif to ensure a good transfer is achieved.
- ▶ The Polyflor Design Service waterjet designs are maintained in the same manner as the surrounding Polyflor Vinyl floor covering.



Further information on maintenance can be found in Section fifteen.

### 11.7 INSTALLATION OF BORDERS

- ▶ Measure and mark the subfloor, using chalk lines to correspond with the required border positions. Measure the main lengths required to fit inside the border, allowing approximately 25mm overlap.
- ▶ Lay out the material so that it is overlapping the inner edge of the border chalk line.
- ▶ Snap the chalk line over the top of the material to correspond with the inner border lines.
- ▶ Using a knife and straight edge, carefully trace along the chalk lines and cut and remove the 25mm surplus. The material can now be folded back and adhered, taking care to retain a straight line around all outside edges. The area must then be rolled.
- ▶ The border pieces now require positioning up to the newly-cut straight edges, and adhering. The clear film on the face of the border design should then be removed and any minor adjustments to the border made whilst the adhesive is wet. The border can then be rolled.
- ▶ The outer margin can now be fitted and adhered to the finished border.

