

Bolon Roll

Installation Guidelines

BOLON

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Bolon is a woven flooring backed with glass fibre-reinforced PVC. Since the material is a woven product, its structure is naturally irregular. Bolon is not approved for areas where safety flooring is required.

Preparation

The general sub-floor and environmental requirements for the installation of Bolon are as stated in AS1884:2012 - Floor coverings - Resilient sheet and tiles - Laying and maintenance practices.

- The sub-floor must be clean, dry and free from cracks.
- Any adhesion-impairing spots (paint, oil, etc.), dust and concrete curing agents should be removed. Asphalt, oil spills, impregnating agents, solvent-based paints and felt pen markings can cause discolouration of the material. Please ensure these are removed mechanically removed prior to installation. Do not over burnish the concrete with this process as the concrete needs to retain some porosity to enable tack-off of the adhesive.
- Relative humidity of the concrete substrate should not exceed 75% when measured using the insitu probe test according to AS 1884: 2012.
- The sub-floor should be tested prior to installation. If the moisture content level cannot be achieved naturally, an appropriate moisture barrier for the sub-floor will be necessary. Bolon will also accept a moisture level of 5.5% or less when measured by electrical resistance meter.

Installation Guidelines

Installation

Installation time depends on the tack-off time of the vinyl acrylic adhesive. This is affected by the type of sub floor, absorption capacity of sub floor, temperature and air humidity in the room.

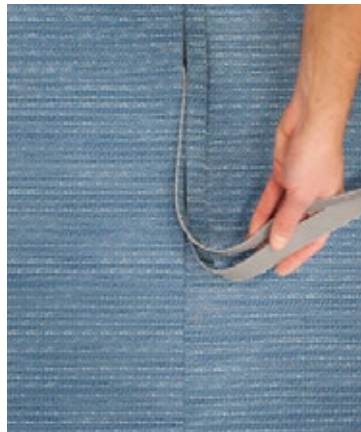
Follow the instructions below for installation on concrete sub floor with acrylic adhesive:

- Use material from the same production batch in open areas. Lay the material in the same direction for each roll, with the warp running along the length of the area. The layout should be designed so as to eliminate cross joins where possible and to minimise joins overall.
- Before installation, material, adhesive and sub-floor must be allowed to adjust to room temperature (at least +18°C) for a period of at least 24 hours. This temperature should be maintained throughout the installation.
- Carefully remove all dust and loose particles from the sub-floor. Porous concrete may need priming prior to installation. Refer to adhesive supplier for recommendations.
- When applying the adhesive, use a notched trowel (no. 1 or 2 dependent on substrate porosity) and roll with a heavy roller to ensure complete transfer.
- PLEASE NOTE: Overlap the lengths by around 4 cm and then cut through the double thickness to achieve a tight seam (see Figs 1, 2 below). For the striped designs the overlap must be adjusted so that the stripe along the left and right edge is approximately 46-52 mm after cutting the double thickness (see Figs 3, 4 below). Mark the location of the seam to facilitate the next stage. The material for these designs is produced at 2040mm wide to allow for this.

Installation Guidelines

Welding

- The material must be chemically welded to increase strength and avoid dirt accumulation in the seam.
- Avoid adhesive residues in the seam by ensuring the adhesive is dry (12-24 hours) before cold welding.
- Use chemical welding fluid TYPE A from Werner Müller or similar, with a pointed needle to get into the seam
- Run adhesive tape along the length of the seam, and roll or press down onto the material to ensure maximum contact. Cut through the tape along the seam with the double cutting knife.
- Shake the tube of cold welding liquid and apply the liquid by pressing the needle through the cut in the tape, and deep down into the seam in order to ensure that the liquid penetrates down.
- Work with two hands by pressing the needle with one finger and squeezing the tube carefully with the other hand.
- Remove the adhesive tape after about 10 minutes.



Installation Guidelines

General Advice

- **Stairs** If the material is being installed on steps, stair nosing must be used, installed using contact adhesive.
- **Non Concrete Substrate** Bolon can be installed over any smooth, level surface, including timber, metal, and access floor, and in any plane from horizontal to vertical. For specific guidelines on your particular application, please contact the Customer Service Team at The Andrews Group
+61 (03) 9827 1311 | bolon@theandrewsgroup.com.au
- **Underfloor Heating** For areas with underfloor heating, the temperature at the surface should not exceed 29 °C. Any underfloor heating systems should be commissioned at least a week prior to flooring installation, and turned off for that time, and for a week following installation. Please contact Customer Service Team at The Andrews Group
+61 (03) 9827 1311 | bolon@theandrewsgroup.com.au
- **Protection** The material, once installed, must be protected from other works which may be in progress, until handover to the client. Appropriate protection includes corflute sheet, and composite fibreboard.
- **Pattern Matching** There are no pattern repeats along the length of a roll in any collection, but please bear in mind the comments below in respect of cross joins, and width overlap.
- **Create and Silence Collections** Since the floor changes appearance depending on light, direction of installation and the viewer position, consider incoming light and high-traffic areas when installing. Avoid joins across the material. This is particularly important for the pattern items Struo, Formato, Facesso, Agere and Struere, where it is not possible for the pattern to be centred with each other across the entire width. The lengths must be laid in the same direction (see arrow on reverse). There is no pattern match requirement from one drop to the next lengthwise on any of the designs.

Installation Guidelines

General Advice

- **Graphic Herringbone Collection** This design has a herringbone pattern with a width of 90mm. When joining along the length, there needs to be an overlap of 80mm to maintain a consistent width. This will result in a finished drop width of 1960mm, rather than 2,000 mm. Please allow for this when setting out.
- **Missoni Collection** It is possible to utilise cross joins with the "Flame" pattern only. Please allow 200 mm extra on the drop lengths to accommodate the pattern match.
- **Cold Weld Kits** www.intafloors.com.au
- **Adhesive** Vinyl acrylic – Mapei Ultrabond ECO 380; Uzin KE 2000S