

# **Bolon Tile**

## 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.
- Use pencil/chalk for any markings. Use material from the same production batch.
- Before installation, material, adhesive and sub-floor must be allowed to adjust to room temperature, i.e. a temperature of at least +18°C, for a minimum of 24 hours.

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- Make sure that the tiles have adjusted to room temperature before installation and that the boxes of tiles are on a level surface. Acclimatisation can take several days for complete pallets.
- Use pressure sensitive adhesive, applied by roller, to adhesive manufacturer's recommendations.
- For best results in general, the tiles should be turned one quarter turn to form a chequered pattern (see fig 1 below). This method is strongly recommended for the Graphic collection in particular..
- For all collections, the tiles can be laid in the same direction, if installed in ashlar (brick-lay) pattern as in fig 2. Please note though, the comment above in relation to the Graphic collection.
- This gives a more uniform result than laying with a continuous joint, which is not recommended in any case (see figure 3), except in the case of the Silence collection. Please note that tiles with a stripe pattern will not line up if laid in the same direction (as in Figure 3).
- Since the material is a woven fabric with natural variations in structure, slight differences in shade may be seen if the tiles are laid in the same direction. Take note of the direction of the arrow on the reverse as per Figures 1, 2 and 3..

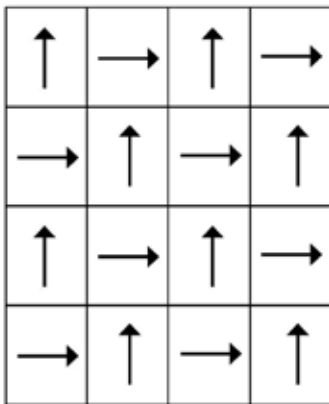


Figure 1

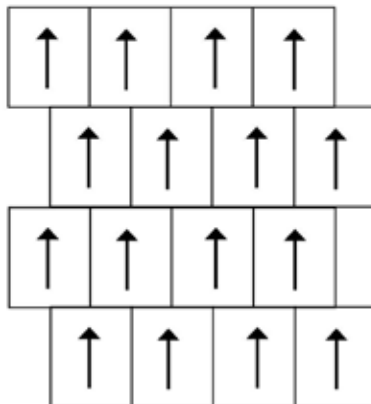


Figure 2

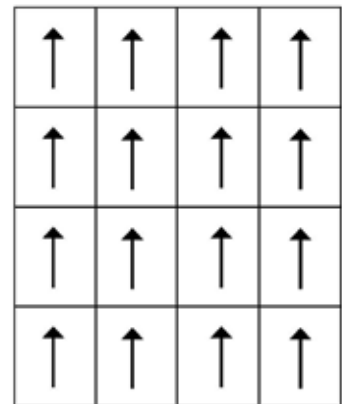


Figure 3

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## Installation

Bolon tiles should be installed using traditional installation methods for modular flooring tiles.

- It is usual to begin installation from the centre of the room. In corridors and small rooms it may be simpler to work from one side to the other and use the centre line as a guide mark.
- The centre line can be drawn out as follows: Draw a line from the centre between two of the walls. Then draw the second line to form a cross with the other line. To achieve a 90 degrees right angle, the 3:4:5 method can be used.
- Begin laying tiles at the centre point. Work outwards from the first tile, creating a pyramid. Continue in this way until the first quarter of the floor is complete. Be careful to follow the guidelines and ensure that the tiles fit closely together. If the first tiles do not follow the guidelines, this will affect the whole installation. Only spread adhesive over an area of a size that can be covered with tiles while the adhesive retains the right consistency.
- As it takes time to cut edge tiles, it may be best to spread adhesive on the area where complete tiles will be laid first. Once this is done, cut all edge tiles and lay them at the same time.
- After installation, run a joint roller over all joints lengthways and crossways with a standard vinyl roller .

## General Advice

- Stairs                      If the material is being installed on steps, stair nosing must be used, installed using contact adhesive.
- Non Concrete              Bolon can be installed over any smooth, level surface, including timber, metal, and Substrate                      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](mailto:bolon@theandrewsgroup.com.au)

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## General Advice

- **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](mailto: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. For layout options other than those described above, please contact Customer Service Team at The Andrews Group +61 (03) 9827 1311 | [bolon@theandrewsgroup.com.au](mailto:bolon@theandrewsgroup.com.au)
- **Create and Silence Collections** The idea of this design is to allow creativity in the use of light with the varied texture weave. Therefore there are no rules about the direction of installation, but consultation is encouraged so that the layout which best suits the installation is agreed to before commencement.
- **Bolon Studio** Bolon Studio is a design service whereby the standard roll material is supplied in different shapes to achieve certain patterns. Please note that these installation guidelines do not apply to Bolon Studio. Please contact Customer Service Team at The Andrews Group +61 (03) 9827 1311 | [bolon@theandrewsgroup.com.au](mailto:bolon@theandrewsgroup.com.au)
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