

Bolon By You 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.

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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:

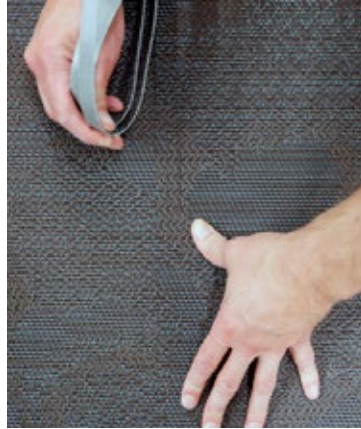
- Use material from the same production batch in open areas. Lay the material in the same direction for each roll, with the warp running along the length of the area. The layout should be designed so as to eliminate cross joins where possible and to minimise joins overall.
- Before installation, material, 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 and cut through the double thickness to achieve a tight seam (see Double Cut 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.

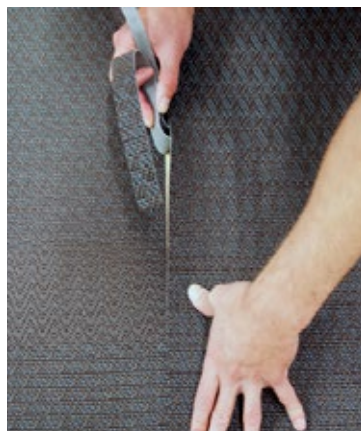
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Lace



Overlap 2 sheets of flooring 4 cm and double cut. The edge will be seen in the pattern but this is intentional.

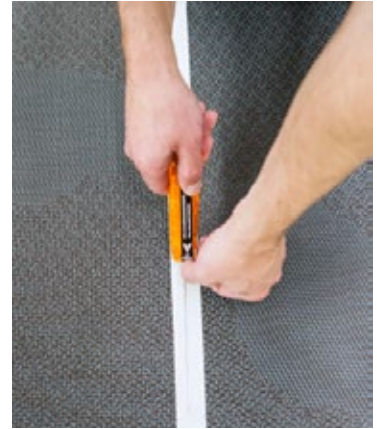
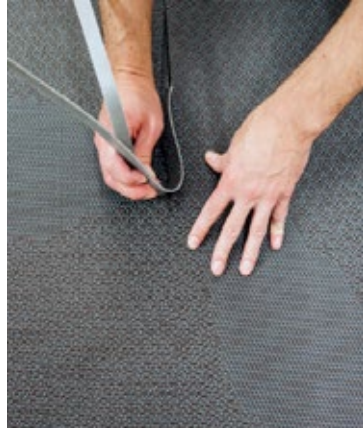
Weave



Overlap 2 sheets of flooring 4 cm and double cut. The edge will be seen in the pattern but this is intentional.

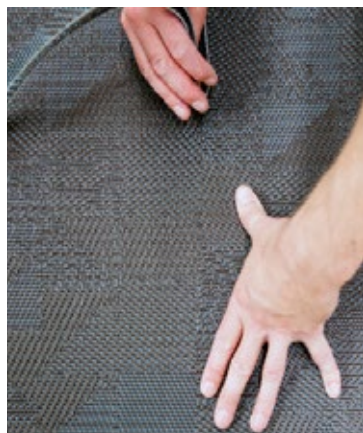
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Dot



Overlap 2 sheets of flooring 4 cm and double cut. Make sure do not cut in the big dots..

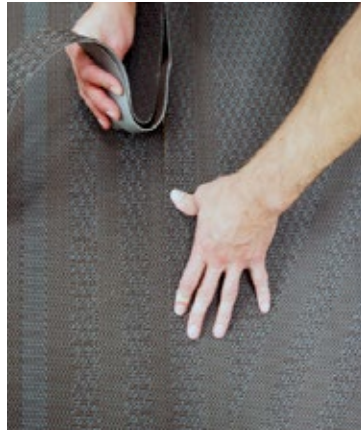
Geometric



Overlap 2 sheets of flooring so the pattern repeat of two side-by-side squares is 15 cm. Cut so one square is about 7.5 cm.

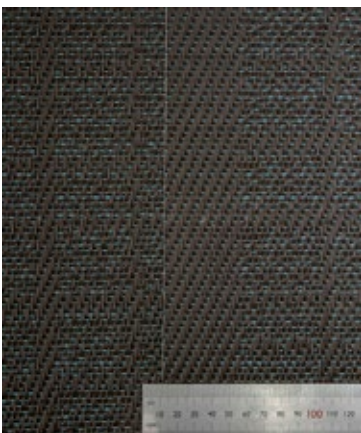
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Stripe



Overlap so the pattern over two stripes are about 6 cm. Cut so the stripe is around 3 cm.

Grid



Overlap the entire smooth section over the mottled. Cut so that the smooth section is around 1.5 cm. The width of the mottled section is of secondary importance.