Flotex Sheet

INZIDE
sustainable flooring solutions

Installation Guide

Flotex Material Preparation

Flotex rolls to be stored at room temperature for 24 hours before installation. Flotex roll to be stored in an upright position. Before you start, ensure that you have enough of the correct design and colourway to complete the job. Flotex rolls should not be mixed within the same area.

Make sure all material is from the same batch. In addition, make sure the rolls are used in ascending or descending sequential numerical order to ensure colour continuity.

Sub Floor Preparation

For roll installations the sub floor must be:

- Permanently dry – when tested to relative humidity must not exceed 75% RH. Damp proof membrane should be present
- pH level when tested must not exceed 10 on the pH scale
- Smooth, level, clean, of sound construction and compatible with adhesive system
- Compatible with adhesive system
- Ground temperature should be minimum 10°C

Refer to national standard for installation of relevant floorcovering type, e.g. NZS 1884 - 2013. The following points should also be observed depending on the type of subfloor.

Concrete/Sand-Cement Screeds

These must be fully cured, dry and any laitance removed. Surfaces which are uneven/damaged should be rectified using an appropriate smoothing compound. Porous/powdery surfaces should be treated according to the adhesive manufacturer's recommendations. Power floated concrete surfaces must be covered using a suitable smoothing underlayment.

Timber Bases

Tongued and grooved: must be covered with a fabricated underlayment, e.g. flooring grade hardboard or plywood.

Wood block/strip: preferably take out the blocks and bring up to the level with a Proprietary screed. (If blocks are not removed then a problem free installation cannot be guaranteed). If however, blocks are left in ensure that they are undamaged, free from contaminants and protected against damp before administering adhesive. Also, prior to fitting, discuss with the adhesive manufacturer, the local Flotex supplier.

Chipboard/Particle board: must be overlaid with flooring grade hardboard or plywood to prevent future potential movement.

Asphalt and Other Impervious Substances

Must be covered with an application of a smoothing underlayment to the required thickness. Existing Floorcoverings (Not Textiles) may be covered provided that:

- Existing floorcoverings and the adhesive to be used are compatible – check adhesive manufacturer.
- Existing floorcoverings are complete and securely adhered to the subfloor.
- All surface contaminants are removed, e.g. sealer, polish.

If in doubt, take it out!

Textile Floorings

Are not suitable for laying on to and must be removed.

Cork, Rubber and Similar Floorcoverings: are not considered suitable for laying on to and must be removed.

Adjoining Materials: where products of different thicknesses met, the protruding edge must be protected.

Adhesives

Adhesives for Flotex Roll

All Flotex roll materials must be fully bonded to the sub-floor using a permanent vinyl adhesive. For specialised uses then alternative adhesive types should be used i.e. a good Polyurethane 2-part adhesive.

General Note

- Recommended adhesive or UZIN KE2000S & Ardex AF2365. If in doubt about which product to use, contact INZIDE
- Ensure the manufacturer's recommendations relating to coverage, open times, drying times etc are followed.
- Use a V1 trowel, 1.5mm x 1.5mm or 1.6mm x 1.6mm sized notches.

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Laying Flotex Roll

1. Mark out the room
2. Cut the rolls to the required lengths, remembering to allow for the pattern repeat. Butt-join factory edge to ensure an accurate pattern match
3. Allow at least 5cm trim at ends
4. Lay the sheets edge to edge, following the direction of the arrows, which should point towards the main light source, NEVER AWAY
5. Trim off surplus
6. Mark the position of the first sheet in pencil on the floor.
7. Roll the sheets back onto themselves
8. Spread the adhesive on the exposed subfloor using the correct notched trowel as per adhesive manufacturer's recommendations
9. Follow the adhesive manufacturer's instructions regarding coverage, open times, drying times etc
10. Unroll the first sheet following the pencil mark on the floor.
11. Continue to lay the following sheets in the same way, edge to edge with close, butt joints
12. Using a spatula, press the Flotex firmly into the adhesive from the centre, towards the edges, to eliminate air bubbles and ensure good adhesion to the sub-floor
13. Trim off excess floorcovering along the walls and skirting boards
14. Continue in the same way for the rest of the room
15. Finish off with a spatula over the entire floor

NB To forestall potential problems with the deviation of wheeled foot traffic (wheelchairs, beds, Zimmer Frames) when crossing the dense pile of Flotex, we strongly recommend that the floorcovering be laid lengthways along the main traffic paths. Artline can be used to disguise changes at junctions and as a design feature in corridors over 2 meters wide. (Flotex used as a garage floor covering can be installed cross or lengthways).

Laying Flotex on a staircase

Flotex roll is suitable for use on stairs, following these guidelines:
1. Nosing should always be used
2. A separate piece of Flotex must be used for each tread and riser
3. Use contact adhesive only

Artline Borders

Edging a room with Artline Borders. This method may be followed when Flotex Artline is being used to border the edge of a room.
1. Lay the Flotex sheets, leaving room for the Artline borders. Allow 1cm – 2cm trim from the Artline in case the walls are not perfectly straight
2. Lay the borders.
3. Press firmly home with a spatula
4. Trim and press home again

Inlaying and Borders

1. Lay and adhere all the sheets in the room
2. Measure out the locations for the Artline strips
3. Mark with white chalk
4. Place the cutting guide in position
5. Cut piece out from both sides
6. Remove the cut piece of floorcovering
7. Apply a new layer of permanent vinyl adhesive
8. Lay the Flotex Artline border in position
9. Using a spatula, press border firmly into place

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