

#### **GENERAL CONDITIONS:**

The installation of Acoustipin is straightforward with good preparation being essential for a trouble-free installation.

Please inspect product prior to installation. Check that the colours correspond to those ordered, the quantities are correct and there is no visible damage to the boxes. Check the Acoustipin during installation for any visible defects. Do not install any Acoustipin that display any imperfections.

Acoustipin is not suitable for external installation or unheated locations.

We recommend that you always use materials from a single batch for each installation as we cannot guarantee a match between batches.

Acoustipin sheets should be stored and transported on a flat and solid surface in neat stacks. If stored on a pallet, do not store more than 40 sheets together on one pile. Always store the cartons flat and never put them upright. Acoustipin must be stored indoors, do not store the cartons in very cold (less than 2°C/35°F) or very warm (more than 40°C/104°F) or humid places.

Carry boxes and sheets vertically upright by two or more people and wear clean gloves when handling to prevent marking. Avoid bending sheets as this can cause creasing.

#### **INSTALLATION & TOOLS:**

Acoustipin 10mm has a nap (the direction of the fabric pile) in the fabric and must be installed with the fabric nap running in the same direction to avoid colour variation. The direction of the fabric nap is indicated by the arrow on the reverse side. It's recommended that the nap runs down the wall.

#### **TOOLS:**

- Damp cloth
- Cleaning cloths
- Tape measure
- Gloves
- Cutting equipment
- Metal guide
- Slow-drying construction adhesive
- Contact adhesive
- Double-sided sticky tape (if required)
- Drop sheet

#### **SURFACE PREPARATION:**

Acoustipin can be installed on substrates including plasterboard, concrete and fibre cement. Substrates with textured or rough surfaces are not recommended.

Before installation, ensure all joints and gaps in the substrate are sealed. Sealing tape should be used on the substrate as per the manufacturer's instructions to tape joints on walls in order to prevent dust or foreign matter from migrating from the wall cavity.

Ensure the surface is clean and free of dust or imperfections that could prevent adhesion. Wipe clean with a damp cloth. Allow to dry prior to proceeding.

#### **MEASURING:**

Measure the wall or ceiling area before installation and refer to the installation plan for placement. Verify the length of each wall section as walls are not always perfectly straight. Place a level to check the wall. If not level, you may need to make good the wall. Transfer measurement markings to the back side of the Acoustipin product.

#### **CUTTING:**

Trial cut on a scrap piece prior to cutting to ensure the highest possible finish. Saws will behave differently on sheets of different thickness and density.

Use a plunge cut circular saw or bandsaw with a wave toothing (not serrated) blade and a metal guide. Do not use a blade with side-set teeth. Always use sharp and clean blades. Do not remove safety guards from cutting equipment and wear the necessary safety equipment.

As Acoustipin products are made from 100% polyester, use a slow, consistent feed rate to prevent overheating when cutting. The frictional heat can melt or fuse slightly the heated contact points with saw blade.

Feed against the rotation of the blade or tool. Hold sheet firmly while cutting to minimise vibration. Use just enough clamp pressure to prevent vibration.

Note: if sheets are to be butt joined together, sheets can be precision cut to square edges for an extra charge. Please contact your Belgotex representative for further details.

#### **FIXING AND CONTACT ADHESIVES:**

Acoustipin products can be direct fixed with contact adhesive. It's the installer's responsibility to ensure the adhesive used is fit for purpose. Adhesives should be used as per the manufacturer's instructions. Trial the adhesive to check the bond is satisfactory. Belgotex takes no responsibility for any issues relating to adhesion.

Please contact Gilt Edge Industries for all adhesive instructions.

#### **INSTALLATION STEPS:**

This guide is for a direct fix method with Acoustipin products being butt joined side by side. Allow for thickness variations due to manufacturing tolerances and any minimal unevenness of the substrate. Sheet products can be precision cut to square edges for an extra charge. Please contact your Belgotex representative for further details. Use gloves when handling Acoustipin products to prevent marking the product.

- Check the sheets are the correct size, are square and have a straight edge. Trim as necessary.
- Trial fit sheets first by using a slow drying construction adhesive. To do this:
  - Place a line of construction adhesive to all four edges 100mm in from the sheet's edge. The adhesive line and size should be such that when the sheet is placed on the substrate no seepage of the adhesive can occur at the sheets' edges.
  - Place the sheet on the wall or ceiling substrate exerting pressure to ensure the adhesive fully contacts to the substrate.
  - Slip the sheet into position ensuring the sheet is plumb. Check for sheet thickness variances at joins. If variances occur, use either double sided tape or a thick line of construction adhesive on back of sheet to adjust for variance.
- Remove sheet from substrate.
- Place a clean drop cloth onto the floor then lay sheet face side down on the floor.
- Spray contact adhesive onto the entire back of sheet and the wall or ceiling area. Clean any spills.
- Wait the drying time as recommended by the contact adhesive manufacturer to allow the adhesive to become tacky (duration will vary depending on temperature).
- Place the sheet to the prepared substrate with minimal pressure to the edges.
- Use a metal guide held in a horizontal position to gently apply equal pressure to the sheet. Apply pressure from the top and slowly work down to the bottom of the join. This will aid the alignment process and minimise stepping of the sheets.
- Repeat the above for the remaining sheets.