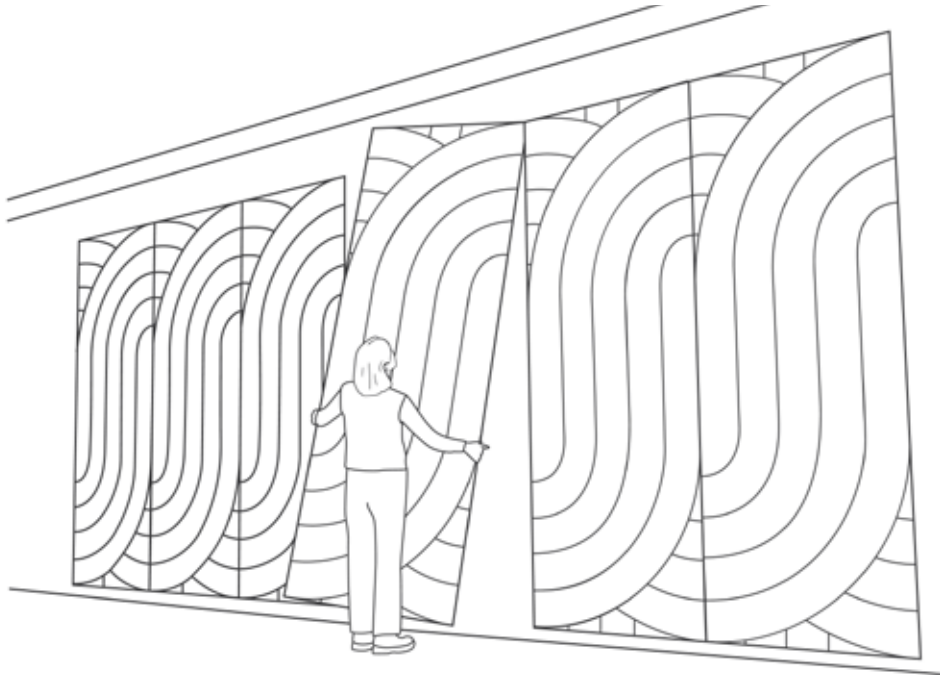


# **BAUX**

## **Acoustic X-FELT**

### **Installation Manual**



#### **About the material**

#### **Handling**

#### **Preparations**

#### **Adapting Panels and Tiles**

#### **Wall Installation—Panels and Tiles**

#### **Ceiling Installation—Tiles in suspended Grids**

#### **Ceiling Installation—Tiles Glued**

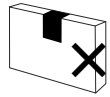
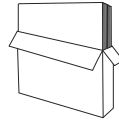
These instructions serve as a guide. The responsibility for recognising and compensating for field conditions is with the installer. Installer should follow best practices for construction and workmanship. BAUX bears no responsibility for installation or contractor selection.

## About the material

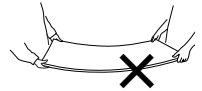
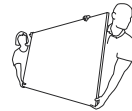
X-FELT is a unique, next-generation textile made from ultra-fine, high-quality polyester fibres sourced from GRS-certified PET. Using advanced industrial techniques, these fibres are combined to create a smooth, compact, and lightweight structure that is highly sound absorptive and inherently fire-safe due to the elimination of oxygen and fuel components. The fibre structure is then precisely cut into panels and tiles for walls and ceilings, providing a long-lasting solution for your acoustic design needs.

## Handling

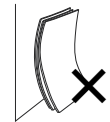
Be sure to inspect materials carefully upon delivery and note any damages or quality rejections to BAUX immediately. Claims will not be accepted after the panels have been installed



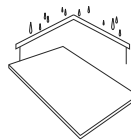
Carry boxes and panels upright to avoid bending of panels



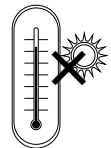
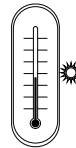
Store boards and panels flat to avoid bending



Keep dry and avoid humid areas



Store in a cool dry place.  
Avoid 65°C/150°F or greater



Be careful with the edges



# Preparations

Ensure you have the appropriate tools and materials to complete the installation

## For walls and ceiling installation



Sharp blade



Straight edge



Construction adhesive



Measuring tape, rod and laser

## For ceiling installation



Ceiling grid



Hole saw



Cordless screwdriver

# Adaptating the panels

You can easily adapt the BAUX Acoustic X-FELT Panels and Tiles.

## Prepare the Panels and Tiles

Lay Panels or Tiles flat on a backing mat to protect your surface.

## Use a Sharp Blade

Ensure the blade is sharp for clean, precise cuts.

## Support with a Straight Edge

For best results, secure a straight edge to guide the cut.

## Make the Cut

Hold the blade at a 90° angle to the Panel or tile for square edges and smooth joints.

## Cut Gradually

Apply light pressure and make several passes rather than cutting through in one go.

## Maintain Blade Sharpness

Regularly replace the blade to ensure consistent, accurate cuts.

# WALLS

## General Conditions

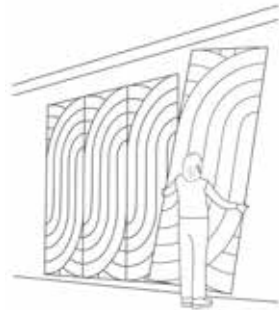
- Before installing BAUX Acoustic X-FELT, ensure that the wall surface is clean and free of dust
- For walls affected by nicotine or other contaminants, thorough cleaning or repainting is essential to ensure a proper installation
- Be cautious with painted surfaces, as there is a risk of paint peeling. Never install on a recently painted surface, the paint must be fully dry
- If the wall surface is uneven, it must be leveled prior to installation
- The responsibility for assessing potential issues with the paint or the surface lies with the installer, who should also address any specific field conditions
- Wall-mounted panels and tiles cannot support the weight of other items in field

## Fixing and adhesives

- BAUX Acoustic X-FELT can be directly fixed using a commercial adhesive. It is the installer's responsibility to ensure that the adhesive is suitable for both the product and the wall surface
- Examples of suitable glue types are Bostic A785 High Grip Deco, Pattex No More Nails, Casco Superfix or Loctite Fast Grab.
- Apply glue to the rear side of the X-FELT panels or tiles. While there is no strict formula for fixing spans, a good practice is to secure each panel approximately every 300 mm (about 12 inches) both vertically and horizontally to maintain rigidity
- For best results, it is recommended to install one test panel before proceeding with the full installation. This will help ensure proper adhesion and alignment throughout the project

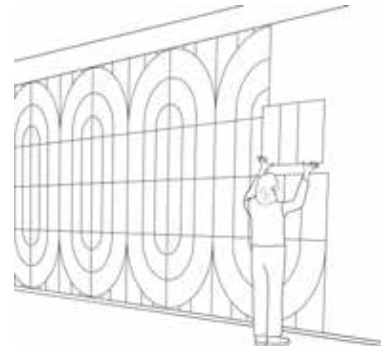
## Panels wall installation

- BAUX Acoustic X-FELT Panels can flex, so it's crucial to handle them carefully
- To avoid creasing, ensure that at least two people support the panel when determine the correct placement and apply glue on the rear side of the panel
- Align the panel and match the cut-patterns with precision
- Gently apply even pressure to secure it in place



## Tiles wall installation

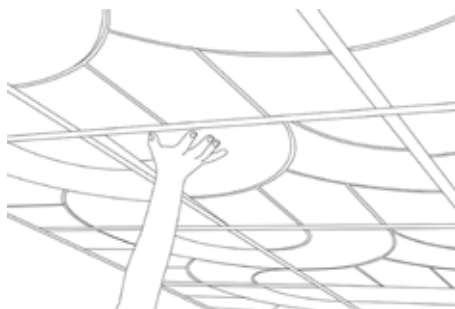
- Determine the correct placement of the pattern
- Using laser is helpful to secure correct alignment of tiles and patterns
- Apply glue on the rear side of the tile
- Align the tile and match the cut-patterns with precision
- Gently apply even pressure to secure it in place



# CEILINGS

## Ceiling Tiles in suspended grid

- BAUX Acoustic X-FELT Tiles are designed for easy installation into standard suspended ceiling T-grids. BAUX offers tiles that fit both 600×600 mm grids and 2.0×2.0 ft grids, so be sure to select the correct tile size for your grid system. All ceiling grid tiles come with Edge A/Square Edge for a seamless fit
- Follow the grid manufacturer's instructions for installing the ceiling grid. Once the grid is in place, arrange the BAUX Acoustic X-FELT Tiles according to your desired pattern and layout for a customized acoustic solution
- BAUX X-FELT Tiles cannot bear the weight of lamps or other accessories. They are designed for acoustic and aesthetic purposes and should not support any additional load. Lamps and other accessories must therefore be supported by the suspended grid system or separate support mechanisms (e.g., suspension wires, brackets)
- In addition, it is important that lamps do not generate excessive heat that could damage the ceiling panels. All electrical connections and installations must comply with local building and electrical codes



## Ceiling Tiles with glue

### General Conditions

- BAUX Acoustic X-FELT Tiles can be adhered directly to a flat ceiling with glue
- Ensure that the ceiling surface is clean and free of dust. For ceilings affected by nicotine or other contaminants, thorough cleaning or repainting is essential to ensure a proper installation
- Be cautious with painted surfaces, as there is a risk of paint peeling. Never install on a recently painted surface, the paint must be fully dry
- If the ceiling surface is uneven, it must be leveled prior to installation
- The responsibility for assessing potential issues with the paint or the surface lies with the installer, who should also address any specific field conditions
- Ceiling Tiles cannot support the weight of other items in field

### Fixing and Adhesives

- BAUX Acoustic X-FELT can be directly fixed using a commercial adhesive. It is the installer's responsibility to ensure that the adhesive is suitable for both the product and the ceiling surface
- Examples of suitable glue types are Bostic A785 High Grip Deco, Pattex No More Nails, Casco Superfix or Loctite Fast Grab.
- Apply glue to the rear side of the X-FELT tiles. While there is no strict formula for fixing spans, a good practice is to secure each tile approximately every 300 mm (about 12 inches) to maintain rigidity
- For best results, it is recommended to install one test tile before proceeding with the full installation. This will help ensure proper adhesion and alignment throughout the project

### Tiles Ceiling Installation

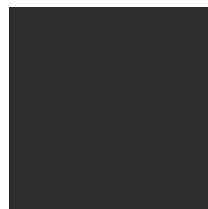
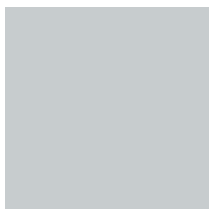
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## Arrange your grids in matching colours

To achieve an elegant and cohesive look, the ceiling grid can be painted in matching shades to complement the tiles. This allows for a seamless and harmonious design, enhancing the overall aesthetic of the space. If you already have a grid installed, you can repaint it. For the best results, spray painting is recommended to ensure a smooth and even finish. If you consider painting the grid, please contact [info@baux.se](mailto:info@baux.se) for paint colour codes.



### Grid Colours



## **Need help?**

For very specific installations or scenarios that aren't covered in this installation manual, visit [baux.com](https://www.baux.com) or contact us at [info@baux.com](mailto:info@baux.com)

**BAUX**  
LET'S BUILD!