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1. Accessing the Application

Go to <https://studio.feltdecor.eu/>

The application runs in a web browser – no download or installation is required.

It is a test version showcasing the capabilities of the TileFlex and TileScratch products and is available to everyone. The full product range is available exclusively through distributors participating in the **FDstudio** program. Access to it is possible after logging into **FDstudio**.

2. Choosing a Product

After entering the application, the first step is to select the basic parameters of your composition. You will find the **Workspace Panel on the left side of the screen** – this is where you choose all the key options. To do so, go through the following steps:

Project description – In the first field, you can add the project name and date. The second field allows you to add a detailed description and notes about the project.

Product – Choose one of the two available products:

- **TileFlex** – decorative acoustic panels made of 9mm polyester felt, in geometric 60x60cm shapes with precise V-cut patterns available in the following collections: RingCut, CrossCut, FlowCut, SlantCut, SkewCut, BendCut, CurveCut (more patterns and collections are available only through **FDstudio** distributors);
- **TileScratch** – decorative acoustic panels made of 12mm polyester felt, in geometric shapes of 30x30cm, 60x60cm, 90x90cm, with precise V-cut patterns in the Scratch Cut collection (available only through the DecorianHome network);

NOTE: The choice of product defines the available pattern types, their behavior in the composition, and the available color palette (the full palette is available upon request from **FDstudio** distributors).

Collection (tile pattern): After selecting a product, define its stylistic collection (the type of cut pattern). Collections available in the **FDstudio** test version:

TileFlex: RingCut, CrossCut, FlowCut, SlantCut, BendCut, CurveCut, SkewCut;

TileScratch: Scratch Cut

Each collection includes sample arrangements prepared by us, ready to use. Click on **“+ Typical Pattern”** in the workspace panel to view ready-made inspirations

NOTE: Each collection has a unique visual character that influences the dynamics of the entire composition.

Tile Type (model variant): Within each collection, several pattern variants are available (e.g., RingCut_01-08). More tile types are available only after logging in – information from **FDstudio** distributors. An example of this are tiles marked with an asterisk, which are not available in the standard collection.

When selecting a tile, you can add it individually to the project panel on the right side. Tiles can be mixed within one collection, or you can work with a single tile pattern only. If you use typical patterns, you can also edit them – more details in section 3. *Composition Configuration*.

Variants differ in the arrangement of cut lines – from simple to more complex.

Tile Size: For some products, it is possible to choose the tile size. Products such as TileFlex have one available tile size.

For TileFlex: All tiles have a base size of **60x60 cm** and 9 mm thickness – according to product specifications. However, in the application you can plan **a larger layout** (e.g., 3x3, 4x4, 5x2, etc.). Ready-made arrangements we prepared use a 2x4 layout, which gives dimensions of 120x240 cm;

For TileScratch: There are 3 tile sizes: **30x30 cm, 60x60 cm, and 90x90 cm**, all 12 mm thick – according to product specifications. Again, you can plan **a larger layout**;

Tile arrangement is done on a grid, where each square = 1 TileFlex panel (60x60 cm). TileScratch, however, uses a 30x30 cm grid, where you can place 30x30 cm, 60x60 cm, and 90x90 cm panels available only in this collection.

When designing, it is worth remembering to plan margins (Allowance) and the central point of the layout (XY shift).

3. Composition Configuration

After selecting the product, collection, and tile type, we move on to the creative part – creating a panel composition. This stage allows you to plan the tile arrangement and adapt it to a real interior.

- **Entering wall dimensions:** The first step before starting design will be to enter the wall dimensions in the “**Surface**” panel – height and net length (actual wall size). On the project grid, intersecting green lines will appear, reflecting your wall.
- **Arranging tiles on the grid:** The main screen will display the project grid – by default, each field represents one acoustic panel (each product has its own project grid consistent with its dimensions). You can freely add, remove, rotate, and move tiles within the grid.

If you place a tile beyond your wall dimensions, it will appear transparent (this represents production waste). This view makes it easier to plan a composition within the wall dimensions you previously entered.

- If you want to achieve any spacing between panels other than 60 cm, enter the value in the “**Grid**” field. It is possible to modify spacing both vertically and horizontally.
- **Adding tiles:** To add a tile, select it from the list and press “**Add**” on the left-hand panel. Use **the left mouse button** to place the panel on the project grid. If you want to edit the arrangement of panels on the grid, press “**Edit**”.

You can switch between add mode and edit mode using the **[D]** keyboard shortcut.

Note: If you use the “**+Typical Pattern**” function, after adding the selected number of composition copies to the grid, press **[D]** to switch to edit mode.

- **Editing the Composition:** By clicking on a tile on the grid, you enter its edit mode. You can rotate it by 90 degrees, delete it, copy it, or move it using the appropriate tile editing functions (**by pressing the left mouse button**).

By **pressing the left mouse button** outside the composition, you can drag a selection box to select multiple tiles for editing.

- **Aligning the composition:** If you want to center your composition within the wall dimensions, enter an offset on the X or Y axis. To do this, type a numerical value in the “ **Surface** ” panel on the left. The default offset is:
 - X-axis offset: 60 cm
 - Y-axis offset: 60 cm
- If your grid spacing is 60x60 cm (the default spacing), change the offset to:
 - Your chosen value (in cm) on the X-axis to center your composition horizontally
 - Your chosen value (in cm) on the Y-axis to center your composition vertically

4. Project Management

You can manage the entire project using the navigation bar at the top of the page, above the project grid. This bar contains all the main tools needed to create and manage the composition. Here is a detailed explanation of each button:

- **Refresh:** clears the entire project and restores all default settings
- **Undo:** undoes one action
- **Redo:** repeats one action
- **Select All:** selects all tiles on the grid
- **Copy:** copies selected elements
- **Delete:** deletes selected elements
- **Order Preview:** generates a PDF with an order preview based on the elements placed on the grid
- **Project Preview:** generates a PDF with a project preview based on the elements placed on the grid (helps with installation, useful as an instruction for the installer)
- **Zoom In:** enlarges the grid view
- **Zoom Out:** reduces the grid view
- **Clear:** removes placed elements while keeping wall settings

Note: The test version of **FDstudio** does not save projects or settings after leaving the page. The only way to save a project is by generating a PDF file.

After clearing or refreshing a project, it is not possible to return to the previous version.

5. Adjusting Colors

After creating the panel layout on the grid, you can assign colors to each tile from the s.line or t.line palette. Depending on the product you selected, you will be able to use either the s.line or t.line palette.

Available palettes:

- s.line basic, s.line extended, t.line basic, t.line extended.
- s.line refers to a 9mm thick board with standard dimensions of 122x244 cm
- t.line refers to a 12mm thick board with standard dimensions of 122x280 cm

Each product has an assigned palette: TileFlex – s.line basic. TileScratch – t.line basic

The s.line and t.line extended palettes, as well as switching palettes between products, are available only through **FDstudio** distributors.

How to start coloring? Select a tile and click the color icon from the available palette on the left-hand toolbar. The selected panel will change to your chosen shade.

The s.line palette offers 25 colors, while the t.line palette contains 30 colors! You can change colors at any time during design and use as many as you like without limitations.

The full s.line and t.line palette contains 97 colors – available only through distributors.

6. Allowance

The Allowance function in the **FDstudio** application allows you to better reflect real panel installation on a wall – taking cutting margins into account.

What is an Allowance? It is simply extra space around the composition (on each side), expressed in centimeters, selectable from a dropdown list.

Allowance is especially useful when you are not certain about the exact wall dimensions but plan to install panels up to its edges. For example, by adding 5 cm on each side of the composition, you ensure that there will be no shortage of material and no unsightly gaps.

However, using an Allowance requires cutting panels along the edges during installation. If your wall is precisely measured and you are confident in its dimensions, you can skip the Allowance – in that case, we will prepare the project so that the panels fit perfectly into the space without trimming.

7. Ordering

Once you have designed your composition and wish to place an order, click the cart icon in the top right corner of the application. **FDstudio** will display a summary of your order – you will see your composition broken down into individual elements: pattern, color, and the number of tiles you selected for your project.

Next, you will only be asked to provide the basic customer details: first and last name and email address

The following step is entering a unique distributor code. If your distributor has not provided you with a code, please request it. If you reached us through the **Feltdecor.eu** website, contact the manufacturer using the **FDstudio code**. The manufacturer will redirect you to the nearest distributor in your location.

You can choose delivery to the distributor's branch for personal pickup or courier delivery to your specified address.

The final step is preparing the project. If you want us to optimize waste and cut panels to the wall dimensions, check the box **"Optimize and cut panels to wall dimensions."**

If your project includes an Allowance, select **"Optimize and cut panels to wall dimensions with Allowance."**

Click **"Send for quote"** and your distributor will contact you within 48 hours with a price offer for your project.

8. Support for Designers

The **FDstudio** application was created not only with individual users in mind but also for professionals who need fast and precise tools for planning and presenting acoustic-decorative solutions in both commercial and private spaces.

Client Preview: The **"Project Preview"** function allows you to show a clean view of the composition without the grid and tools – an ideal solution for presentations.

Installer Preview: The **"Order Preview"** function allows you to show a detailed view of the composition with wall dimensions, Allowance, and an installation scheme.

Supplementary materials: For each TileFlex panel pattern, files are available in 3D formats (.skp, .dwg, .obj) – for integration with SketchUp, Archicad, Revit, and other programs.

These files can be downloaded after contacting the distributor.

For moodboards, presentations, or project documentation, the following are also available:

- renderings of individual tiles,
- visualizations of wall compositions,
- real-life project inspirations.

Technical Data Sheets and Certificates: at any time, the following are available for the TileFlex and TileScratch collections (containing information about acoustic class, fire resistance, and material), Fire certificates B-s1, d0 (EN13501-1:2018), Ecological data about the material (recycled PET, environmental certificates).

Contact and Project Support: For larger investments (e.g., offices, hotels, public spaces), designers can count on direct consulting regarding the choice of pattern, color, and layout, as well as assistance in adapting the project to non-standard wall dimensions and complex spatial forms..

If you need advice for your current project, please contact your distributor.

9. Final Notes

At the end of designing your composition in the **FDstudio** application, it is worth remembering a few important aspects that will help you move smoothly from vision to realization.

The colors visible in the application are indicative only – they may differ depending on monitor settings, brightness, or screen type. We recommend checking the physical color sample book, available from authorized Feltdecor distributors.

Before implementation, verify the actual wall dimensions – include potential obstacles, corners, sockets, lamps, etc. Feltdecor acoustic polyester felt can be easily cut at the installation stage to fit in the right place.

If your wall requires a non-standard solution (e.g., slanted surface, curves), contact your distributor for technical support or preparation of an individual project.

All Feltdecor panels are intended for adhesive installation. Use the adhesive provided with your order. Follow the installation instructions for Feltdecor wall panels.

If the installation will be carried out by a contractor, it is worth providing them with:

- the project drawing (e.g., exported from the application),
- information on colors and installation order,
- instructions regarding allowances or cuts.

If you have any doubts about the application's functionality, the availability of patterns or colors, or if you need a personalized project – **contact us!** office@feltdecor.eu

We are here to support you at every stage: from idea to realization!

Authorized distributor:

