

BIM.**archiproducts**<sup>®</sup>

**estiluz**<sup>®</sup>

# ESTILUZ BIM PRODUCTS - CONTENT AND USER MANUAL

## Authoring Software Autodesk Revit 2018

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This document provides information on the content and the correct use of the BIM files in Revit format produced by ESTILUZ.

### File name and definition

The BIM product is contained in the .rfa format file "ESTILUZ\_Product Name"; the native file is created with the BIM authoring software Autodesk Revit 2018.

In addition to the object file, the company's information sheet (schedule) is provided. The information sheet, in .rvt format, contains information regarding the ESTILUZ product. This can be used to calculate the quantities and verify the characteristics of the product with regard to aesthetics, dimensions, physical appearance and performance.

The information sheet has been divided in different categories: **Identity data** (manufacturer; model; description; product sheet; technical sheet; URL; type comments), **Dimensions** (height; length; width; diameter; weight), **Materials and finishes** (body material; lamp material; structure material), **Electrical and photometric parameters** (voltage; wattage; lighting specification; frequency; lamp).

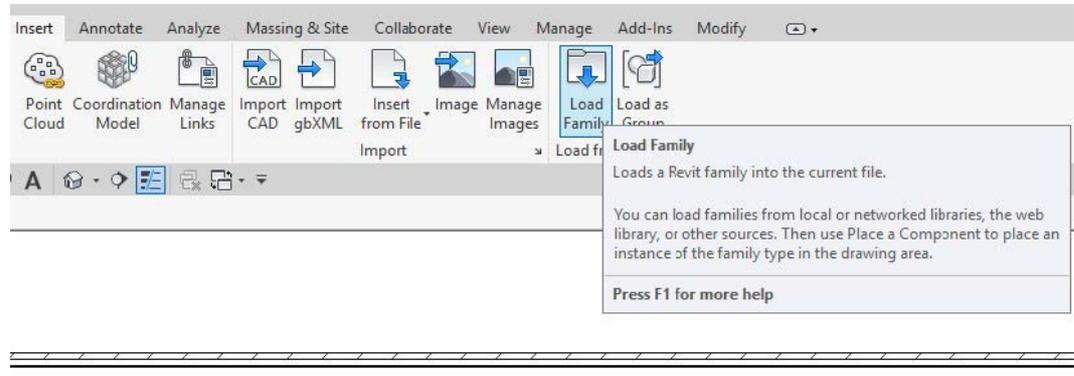
Other alphanumeric information about the product can be found in the Object's Properties Palette.

The designer/manufacturer who uses the ESTILUZ BIM content can calculate the quantities of the products used in his/her project, manage the quantities for the purchase order and transfer the information relating to the product used to those carrying out the work.

## How to use ESTILUZ BIM content

Download and save the ESTILUZ .rfa objects in your personal library, then upload the BIM family to your project.

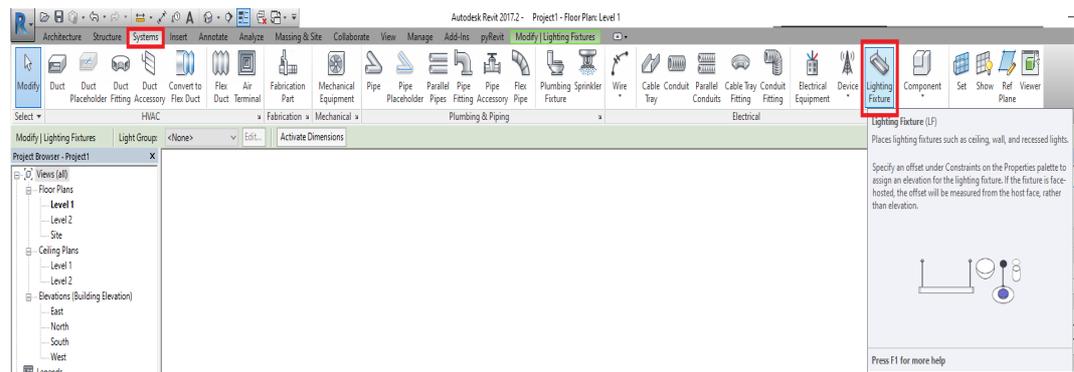
### Load Family



## Lighting Fixtures positioning

Open any plan view and insert the desired ESTILUZ product using the **Lighting Fixtures** command in the **Systems Panel** and positioning it within the project.

### Place a Lighting Fixtures

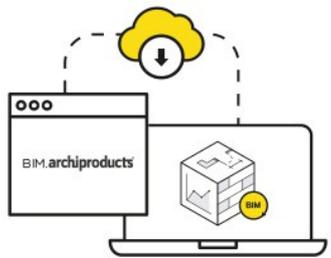


If you find a .txt file in the download file, archive it in the same location as the .rfa file.

The .txt file contains the parameters and the respective values used to create the different types of a given family.

The .txt file includes the type catalogue. By using the type catalogue, it is possible to select and load only the desired types for your personal project, thus slimming down the project file.

Refer to the technical parameters sheet for help when choosing the correct product.



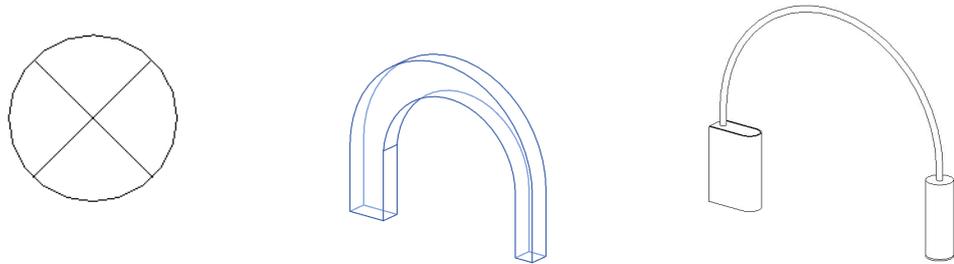
Now you can connect our database with your project: search and insert the best building and design products, use and manage them through my library and keep them updated through automatic notifications directly from Revit.

<https://bim.archiproducts.com/en/revit-plug-in>

## Level Of Geometry (LOG)

The object was created with three levels of geometric development visible in plan, elevation and section. In the **Coarse** level view, a 2D shape can be seen; the **Medium** level shows the overall geometric footprint; the **Fine** level shows the simplified 3D model of the product with fewer details.

*LOG representation*



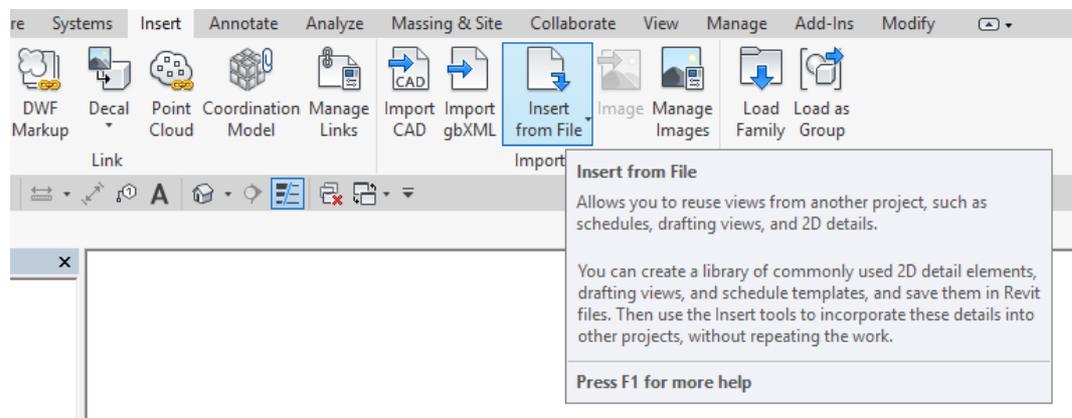
## Schedule entry

In addition to the object file, the company's information sheet (schedule) is provided.

The information sheet contains information in .rvt format about the products, including the identity, dimensional and technical parameters, which can be used to calculate the quantities and verify the product's physical and performance features.

When using the BIM content, designers and manufacturers can calculate product quantities to be used in their projects, manage the quantities to be ordered and share the product information to those carrying out the work.

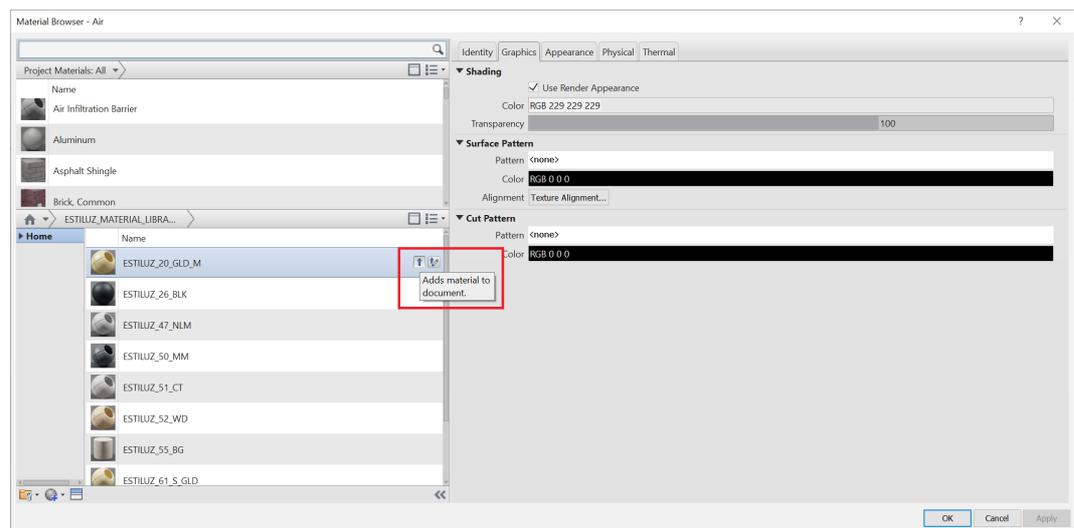
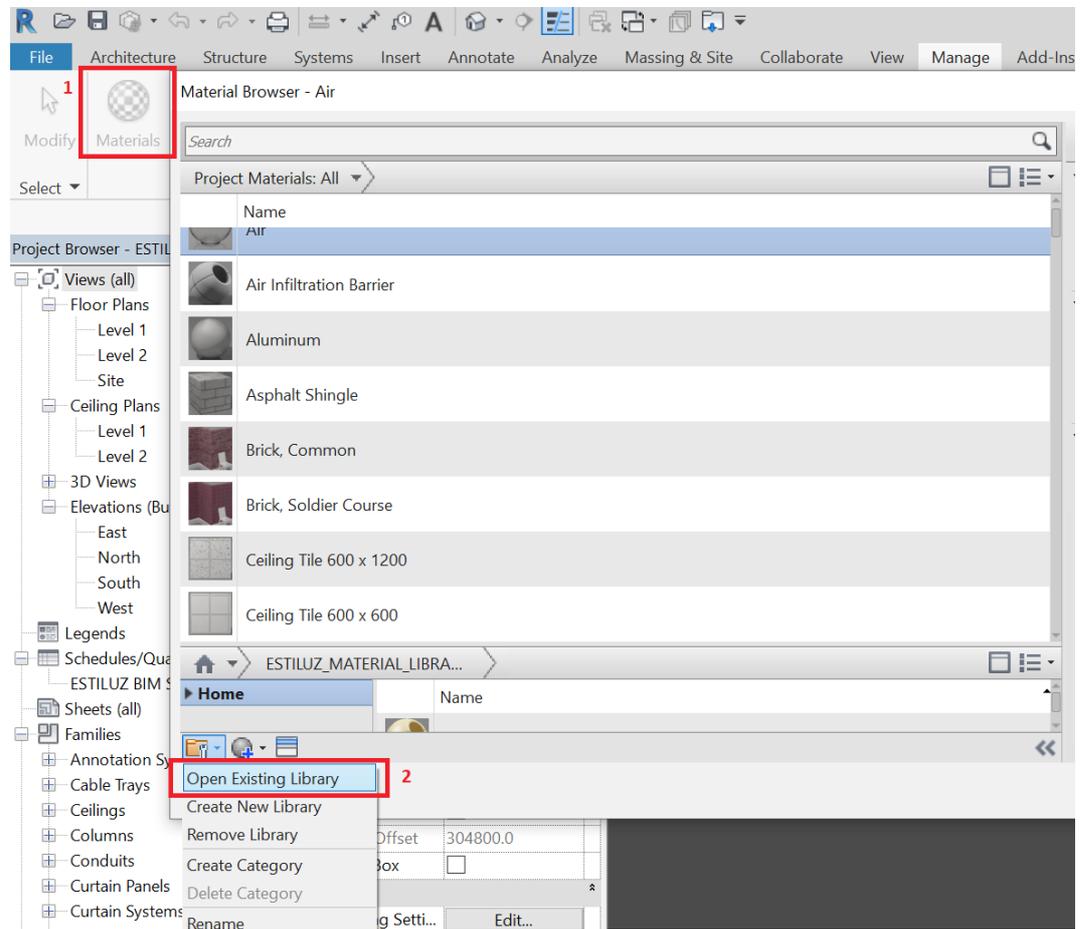
*Load schedule*



## Use of materials

For a correct use of the material library, follow the instructions below:

1. Open the **ESTILUZ\_MATERIAL\_LIBRARY.adsklib** library in your project using the material browser.
2. Upload your desired material.



## IMPORTANT NOTE | Textures entry

When opening or loading a family, the user might find an issue similar to the one in the picture below with a **yellow exclamation** in the Materials browser > Appearance Tab where the image should be in Revit.

Texture issue

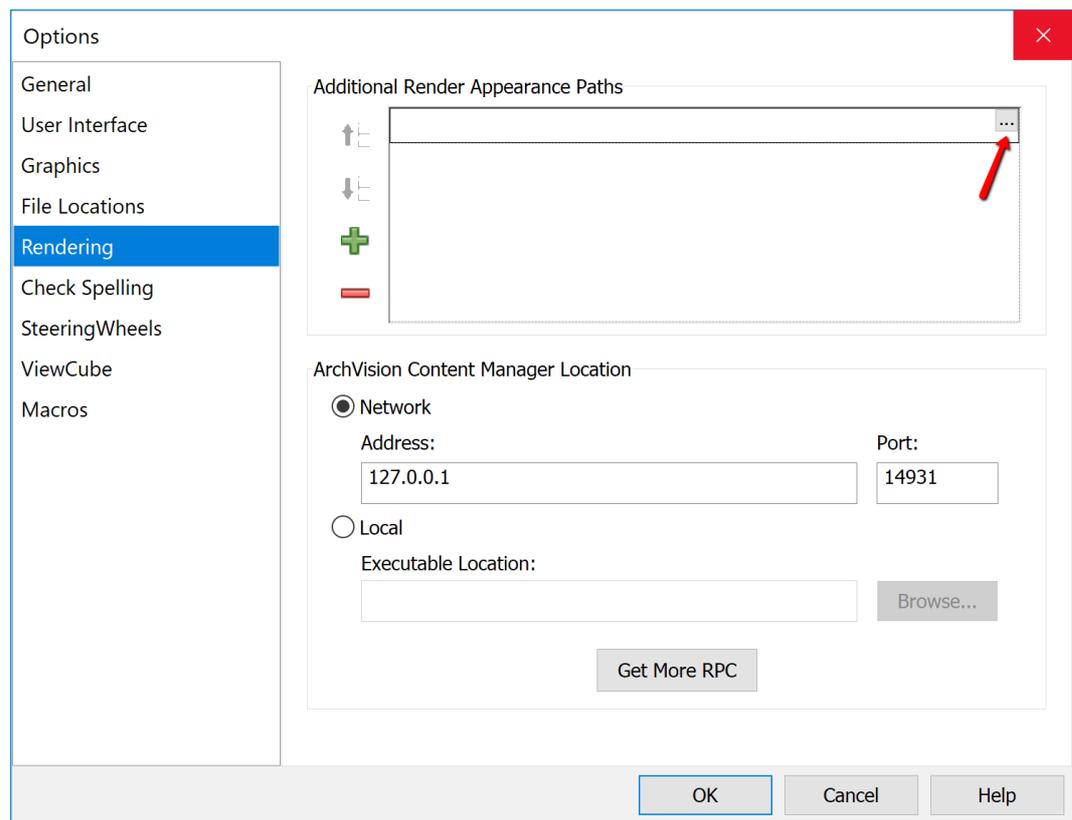


This is because Rendering/file path isn't set correctly.

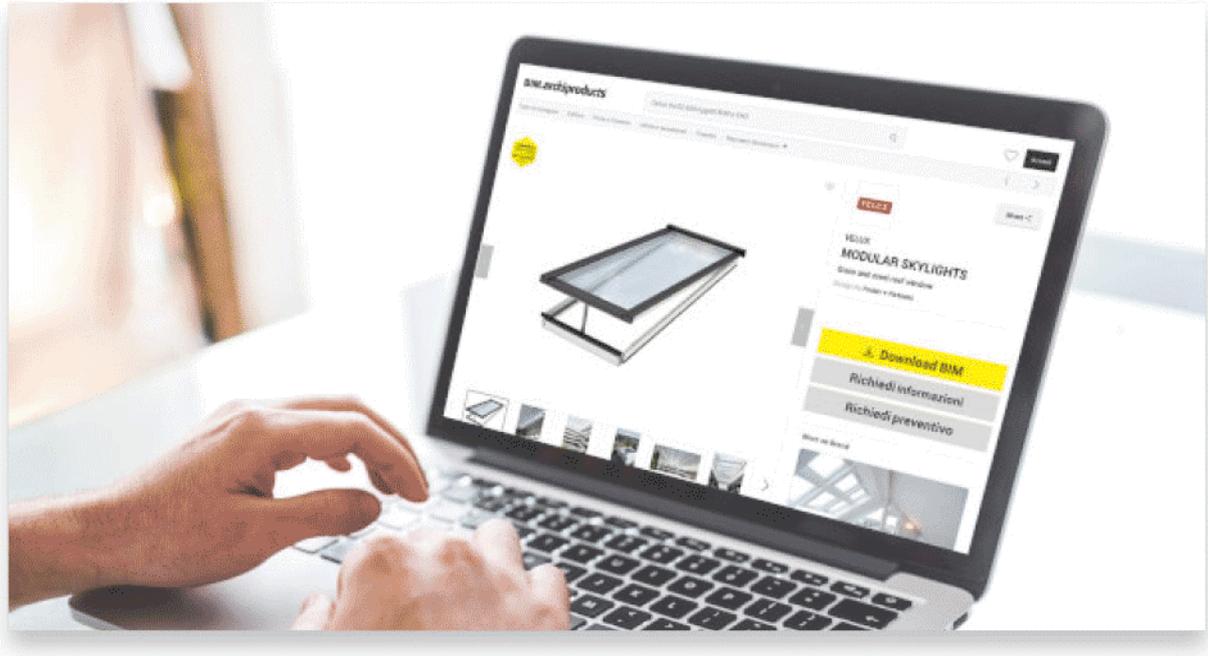
### SOLUTION:

To add texture and material files to project go to **Revit > Options > Rendering >** and under '**Additional render appearance path**' add a path to the folder containing those files (.jpg, .png, etc.) - downloadable on the product sheet in **bim.archiproducts.com**.

You might have to *change the visual style* from realistic to another and back for the textures to be reloaded.



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