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OSCARONO

PARIS

OSCARONO BIM PRODUCTS - CONTENT AND USER MANUAL

Authoring Software Autodesk Revit 2019

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

File name and definition

The file OSCARONO_PRODUCT NAME.rvt contains a demonstration of the use of the BIM library; the native file is made with the BIM Authoring software Autodesk Revit 2019, English version. The BIM product consists of a library of materials that can be used in the stratigraphy composition. It returns a package with OSCARONO products. Alphanumeric parameters are associated to each material which define the technical and performance features.

In addition to the object file, the company's information sheets (schedules) are provided (OSCARONO_WALL MATERIAL SCHEDULE .rvt; OSCARONO_FLOOR MATERIAL SCHEDULE .rvt).

The information sheet, in .rvt format, contains information regarding the OSCARONO 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 into four categories: **Identity data** (manufacturer; URL; collection; model; material description; product description; design; product sheet; technical sheet;), **Dimensions** (width; height; thickness), **Construction** (installations instructions; certificates) **Materials and finishes** (available finishes; specification).

Other alphanumeric information about the product can be found in the object's properties sheet.

The designer/manufacturer who uses the OSCARONO 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 OSCARONO BIM content

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

1. Open the OSCARONO_PRODUCTNAME.rvt in your revit project environment.

2. In your project file, use the **Transfer project standards** option and tick "Materials" - overwrite if necessary - in the pop-up window.

    After this action you will have all the OSCARONO Materials in your .rvt project.
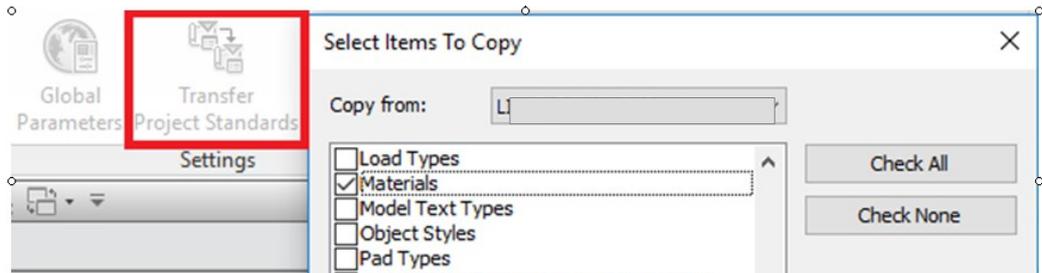
Wall/ Floor Package Creation

At this point, you may configure the needed stratigraphy using the *stratigraphy editor* of a wall or floor, creating a new layer and assigning to it the OSCARONO material and its thickness (20mm). The thicknesses are shown in the "THICKNESS" project parameter.

We provided you all floor and wall types in the .rvt file, but you can make them by yourself using materials applied to stratigraphy.

ALL TECHNICAL DATA have been put in the materials **(custom parameters – button highlighted in red in the picture below).**

These parameters are **project parameters** associated to each material; so, it's very important to import these files following the instructions in this guide to avoid losing data.
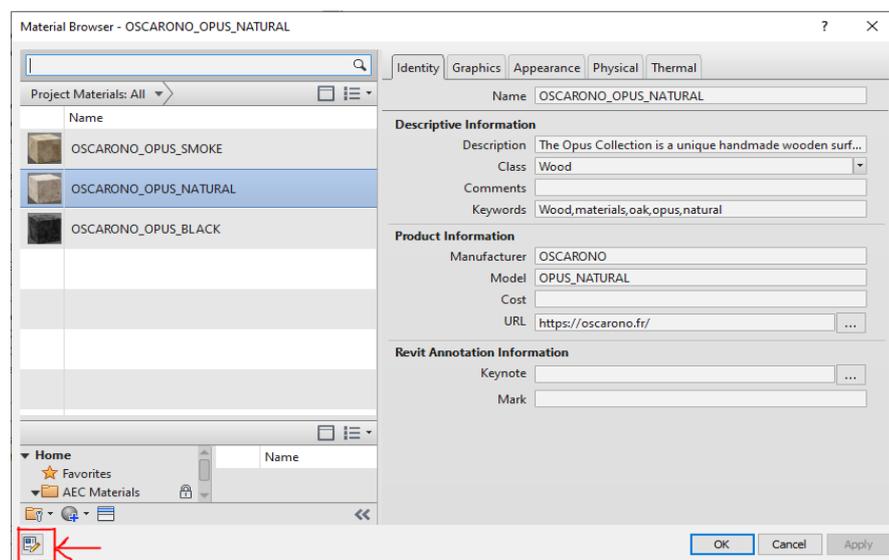
Schedule entry

In addition to the object file, the company's information sheets (schedules) are provided (OSCARONO_WALL MATERIAL SCHEDULE .rvt; OSCARONO_FLOOR MATERIAL SCHEDULE .rvt).

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
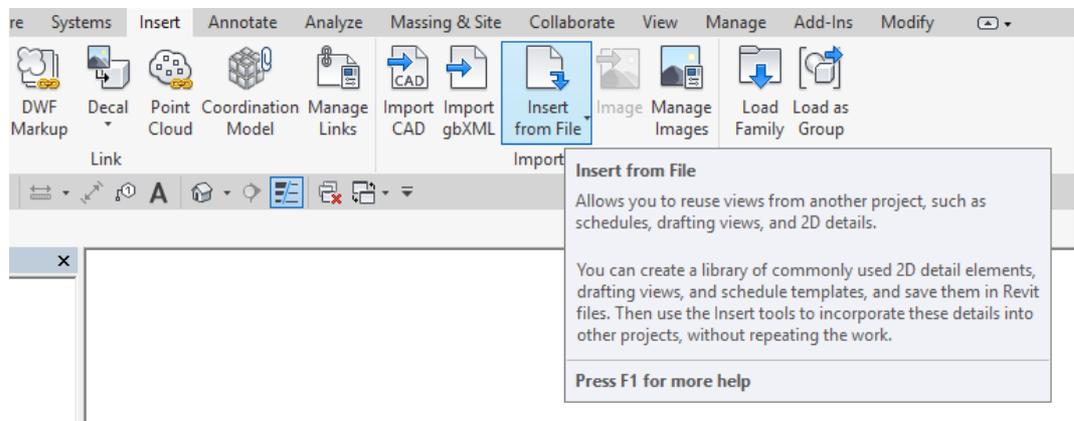
REVIT VISUAL STYLES

HIDDEN LINE   REALISTIC
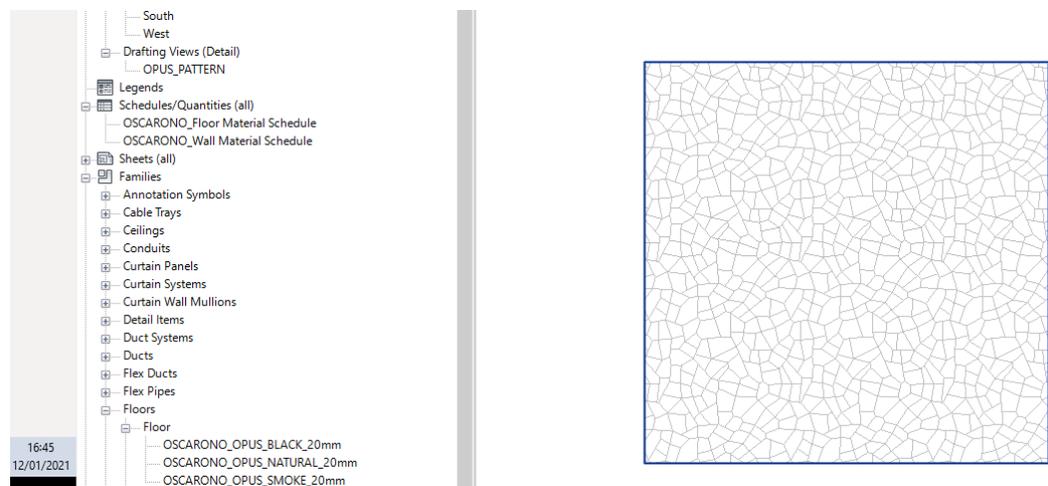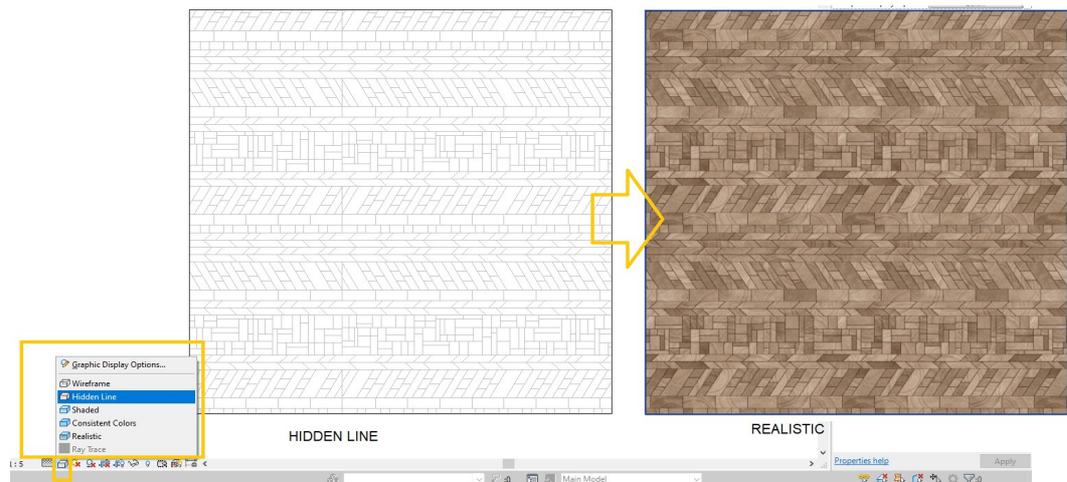
The materials were created by setting the different graphic VISUAL STYLES that revit makes available. In particular, **hidden lines** and **realistic** display.

These texture maps and graphic patterns have the purpose of representing the product and making it recognizable in the various project views (2D or 3D) and they cannot be considered for executive installation.

The details and real dimensions of the various patterns have been reported in their faithful reconstruction in the project browser views (DRAFTING VIEWS).
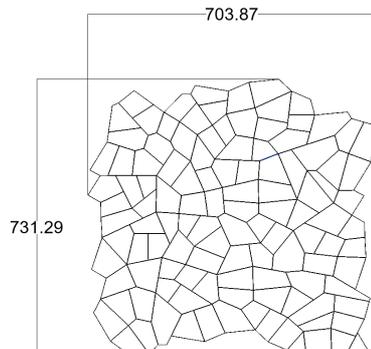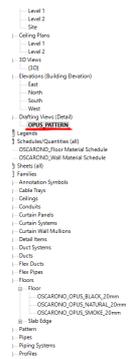
IMPORTANT NOTE |Textures entry

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.

⚠️

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.
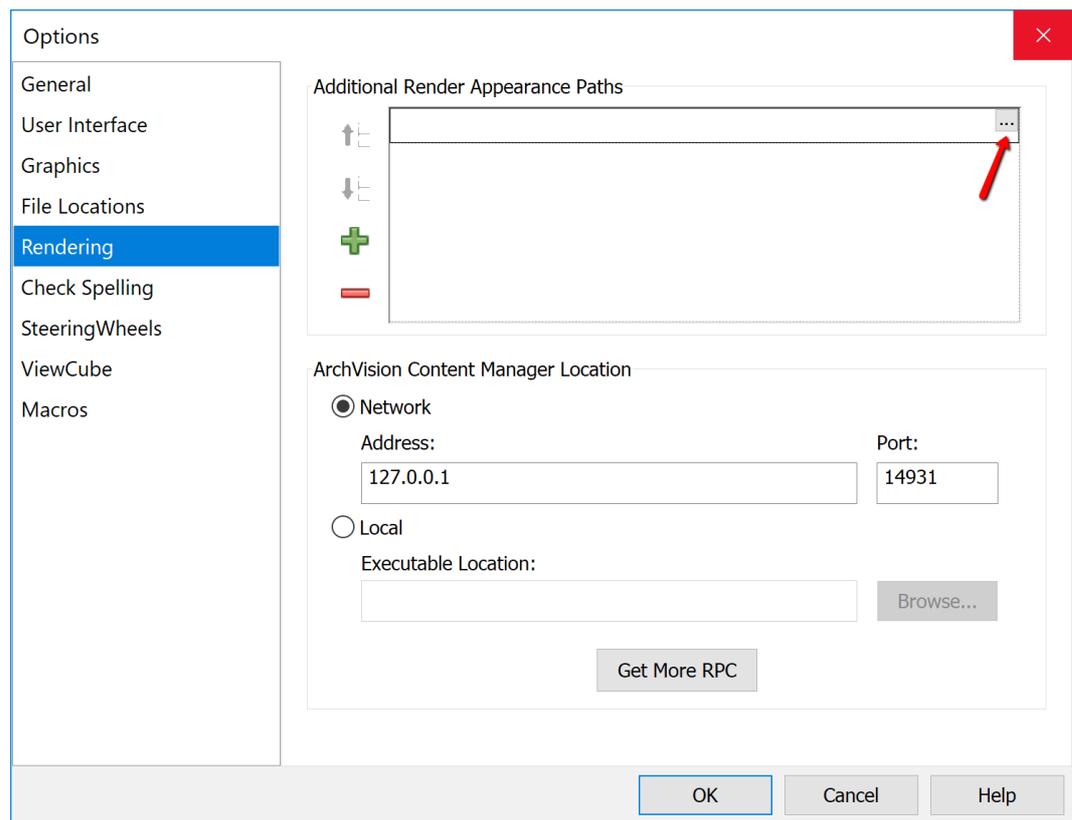
BIM.archiproducts®
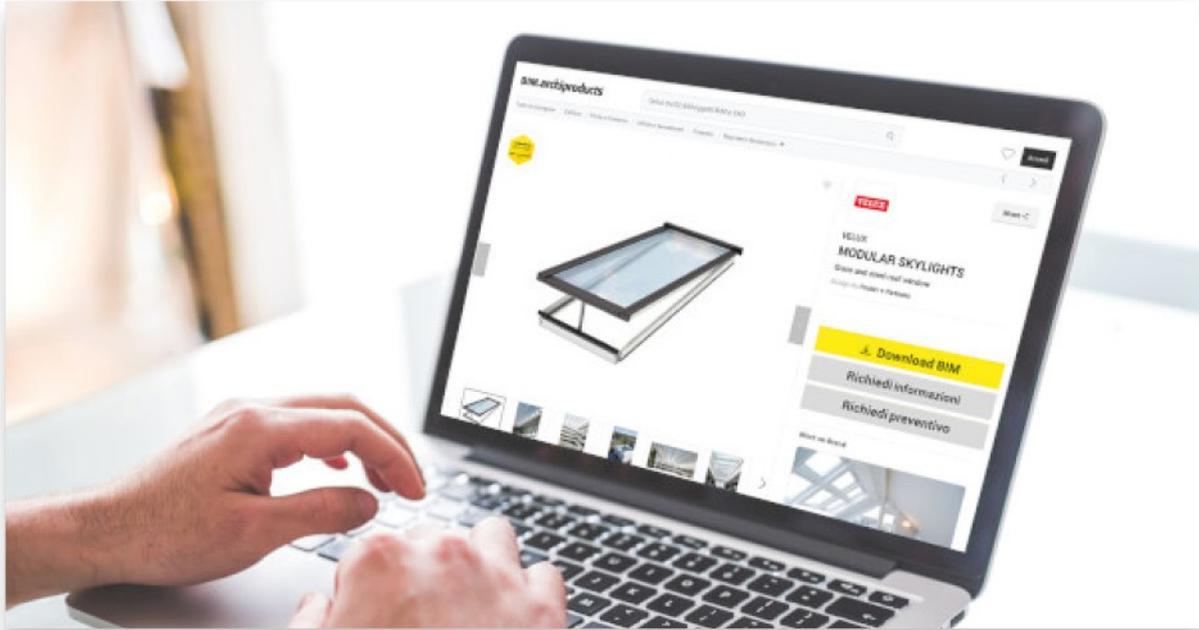
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