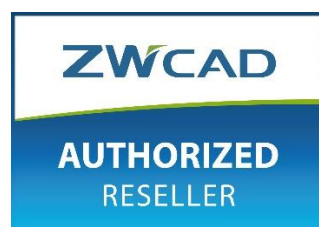


Technical notes – ApliCAD Interior

Non-rectangular pieces

March 2021



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1 Introduction

This document includes technical notes aimed at facilitating the work of ApliCAD Interior users

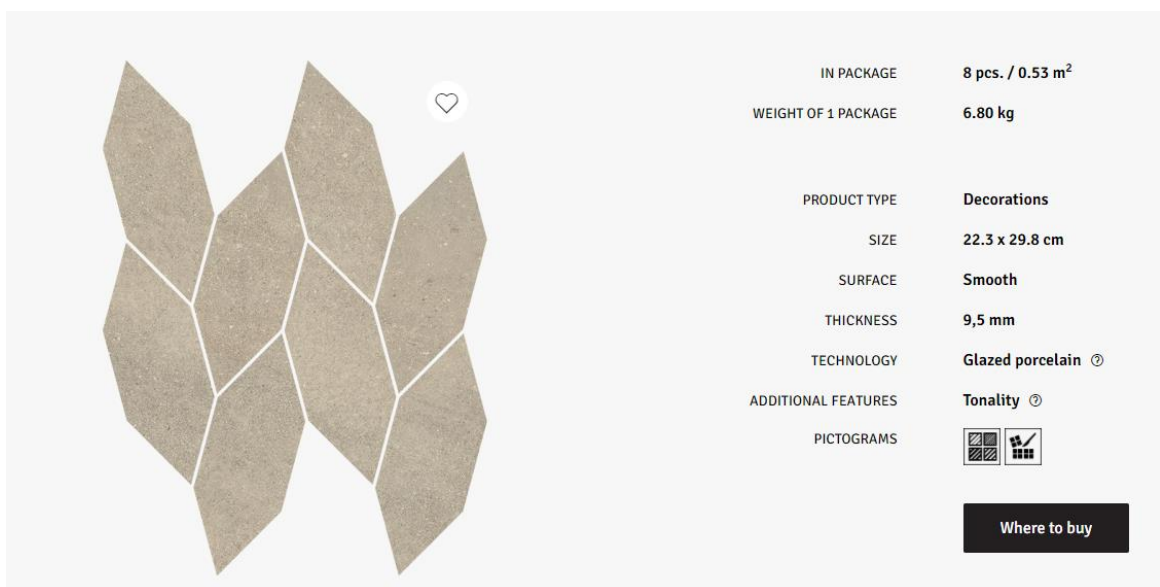
2 Non Rectangular Images

In ApliCAD Interior it is possible to have images with irregular shapes that can be placed in a coordinated way.

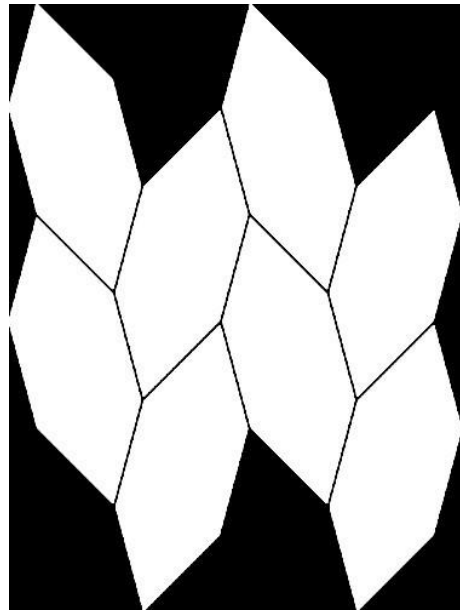
For this, it must be taken into account that non-rectangular images require a mask so that the white color allows the image to pass through and the black color narrows it.

2.1 Process to create the mask.

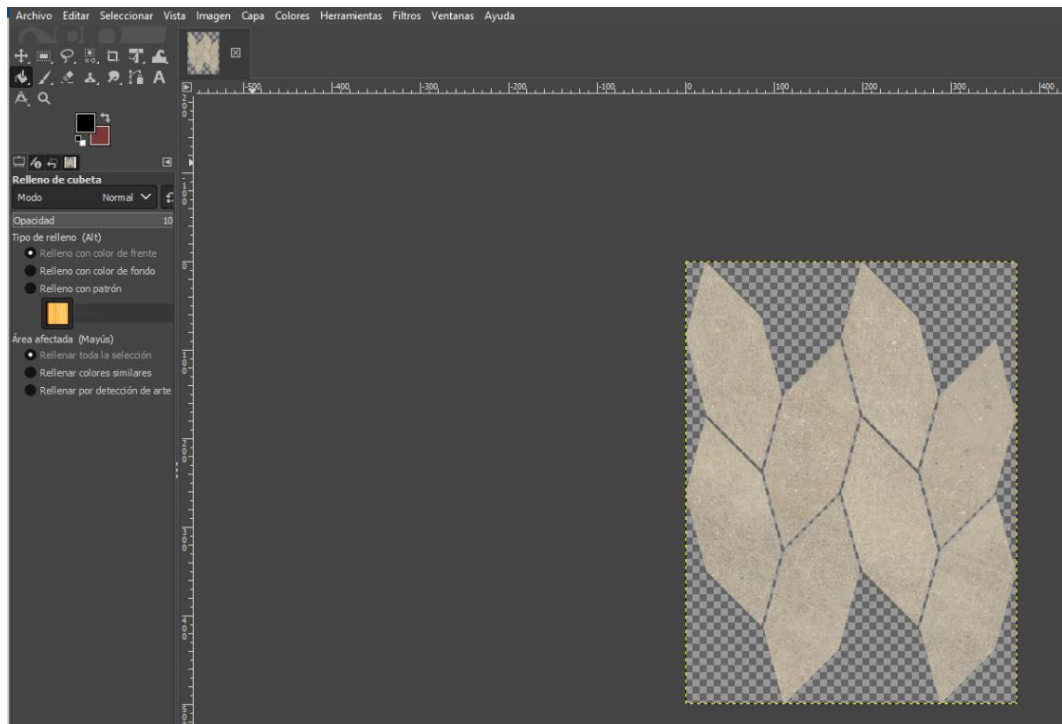
The objective is the following, we have the manufacturer's information on its website, as follows:



We therefore observe that the image must fit in with others. In this case, the movement between the pieces is only on the Y axis, so the necessary images are as follows:



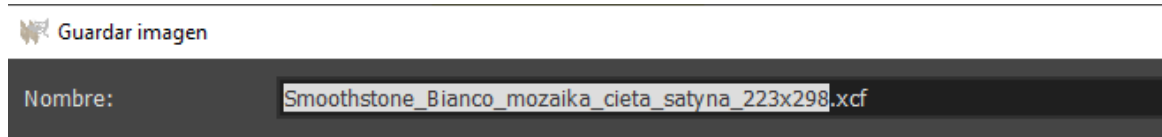
For the generation of the images we are going to use the GIMP program, which is free.



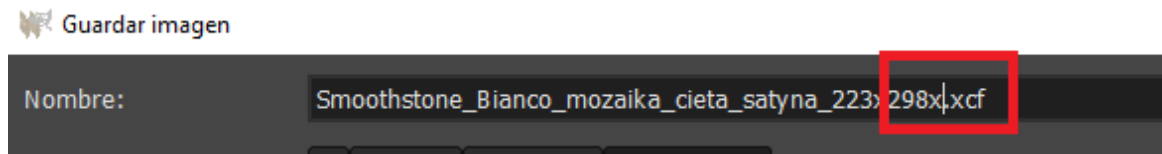
The image downloaded from the website is a file in png format, so it has transparency.

As the GIMP program uses a proprietary format with an "xcf" extension where it stores the information of the images, and we may be interested in making changes later, we will proceed to save the file in the proprietary GIMP format..

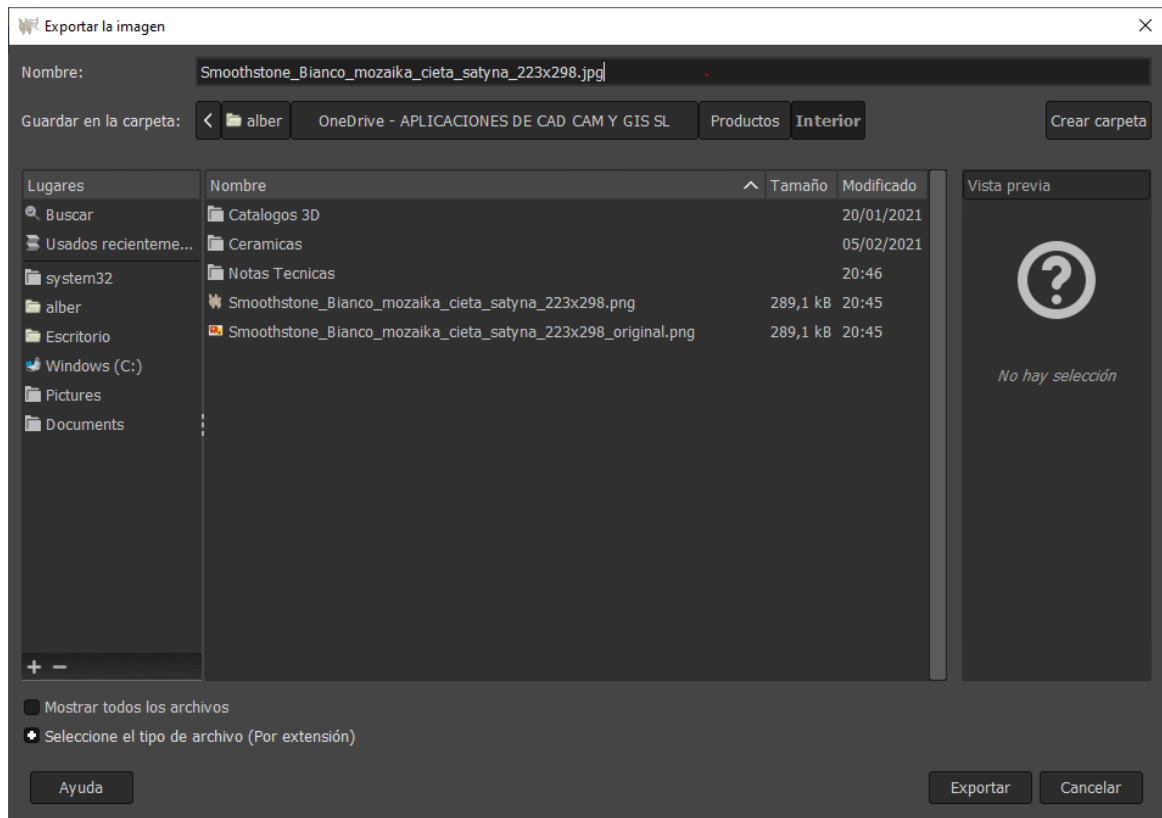
Para eso, en el menú Archivo, Guardar como:



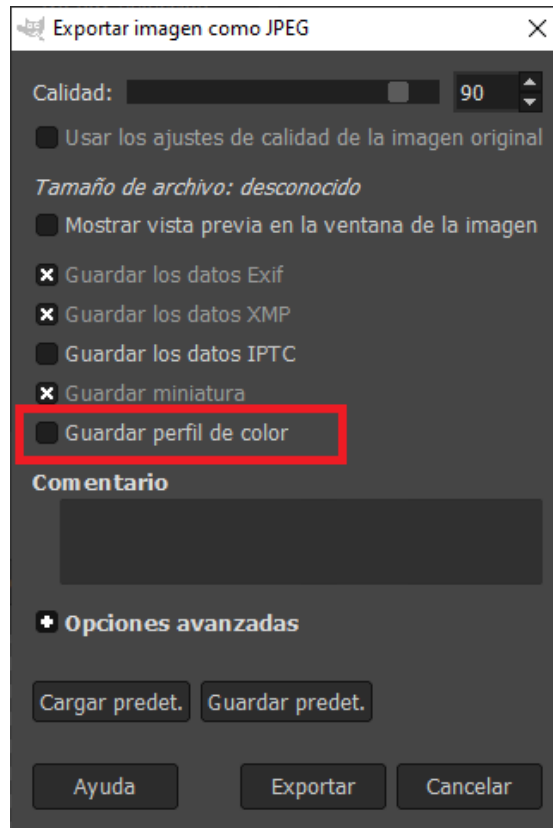
We will carry out the process again, giving the same name but with an x at the end.



Once we have 2 files, we will open the first one (the one that does not end with x) and proceed to export as.jpg



In the Export process it is IMPORTANT that in the next dialog box, we uncheck the option "Save Color Profile".



If we open the resulting .jpg file with any image program we will have the following image:

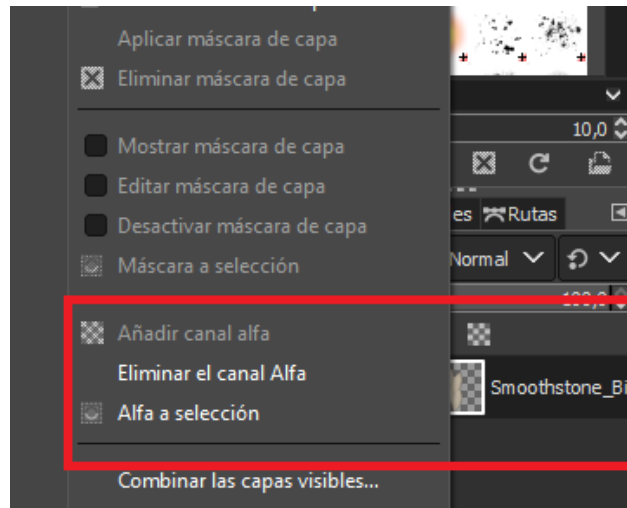


Where the holes that in the png were transparent, in the jpg they are in white.

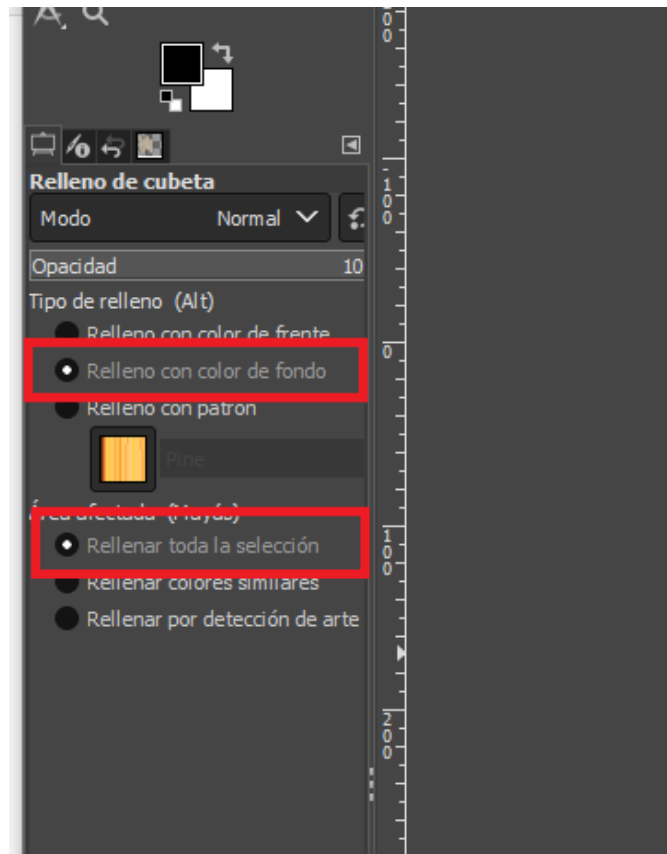
We open the previously saved file with the name ending in x.

This file has to become the skin, so we will use GIMP to make that easier for us.

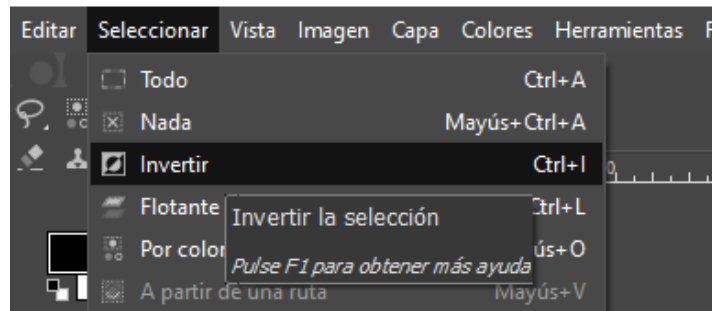
On the right side of the GIMP interface we have the open part. If we select and press the right button, we can select the option "Alpha to selection".



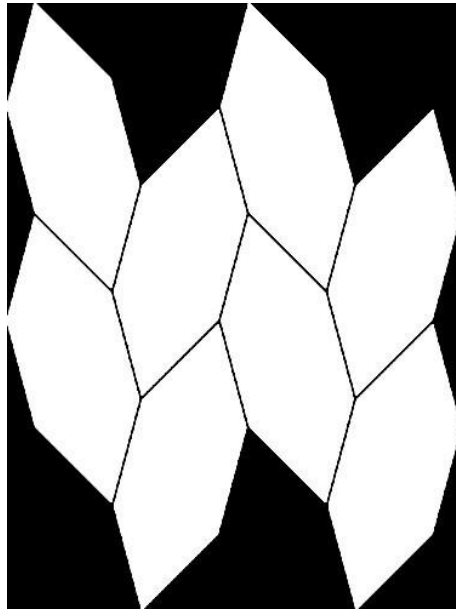
Using this option, the program automatically selects all the areas that have transparency and that we want to have the color black.



With the options of Fill the background color and fill the entire selection along with the option of being able to invert the selection,



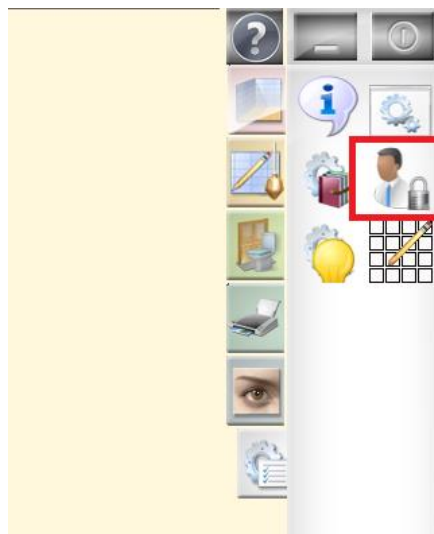
We can easily have the mask image like the following:



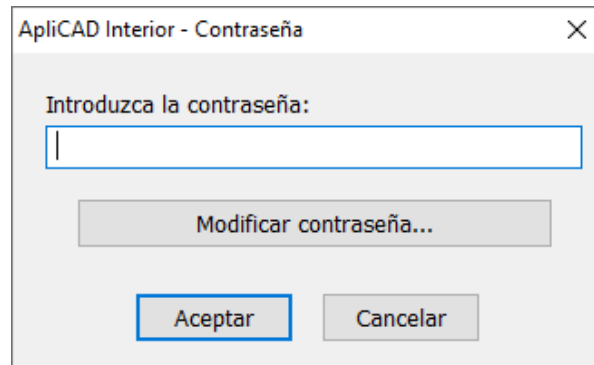
2.2 Register the product in ApliCAD Interior.

We will open a new project in ApliCAD Interior.

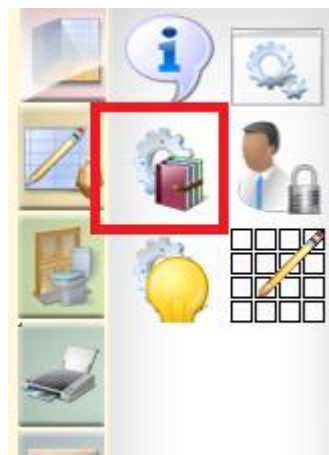
We will access the Administrator option within the Settings tab.



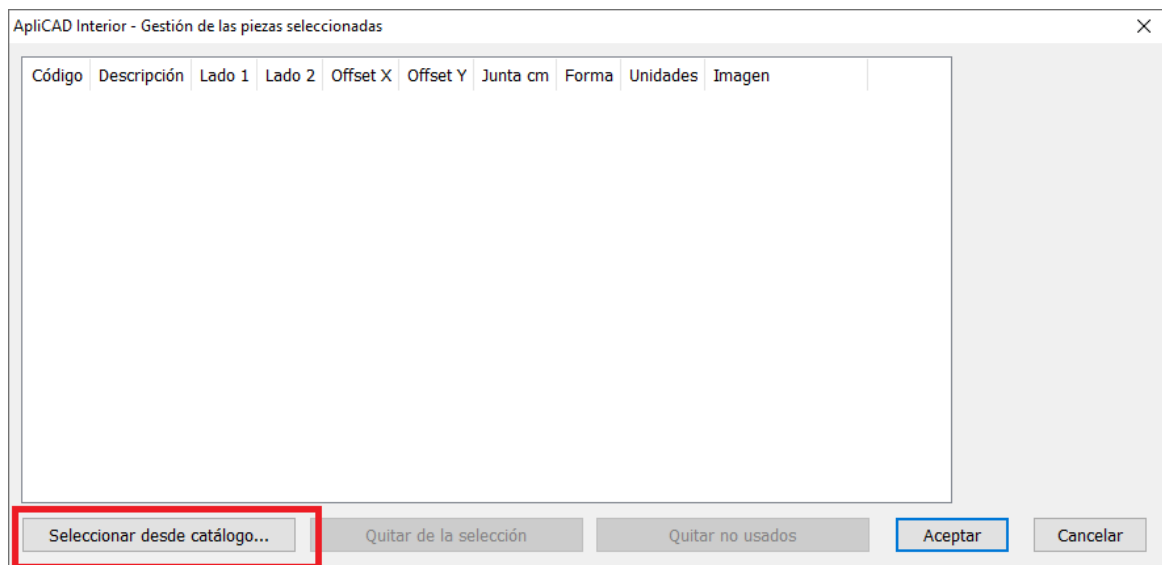
When you ask us for the Administrator password, we will enter it:



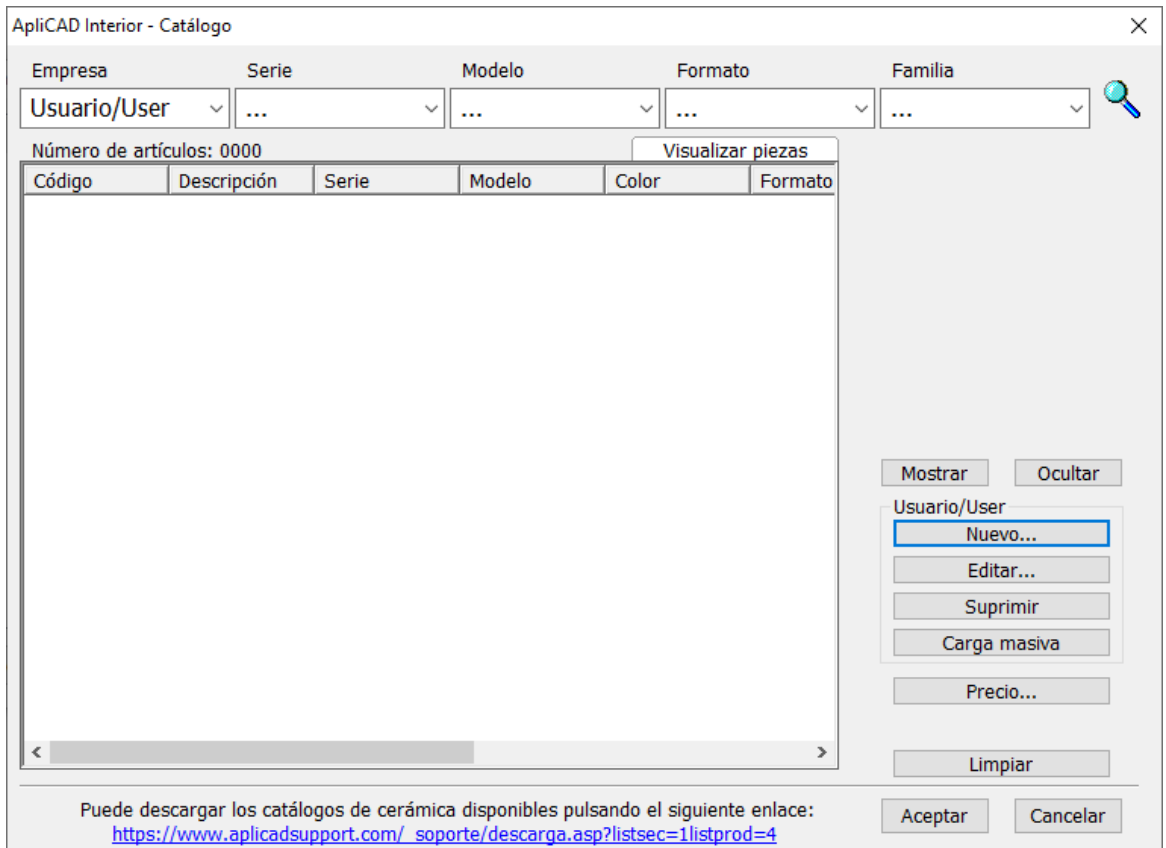
The default password is "admin" if it has not been modified.



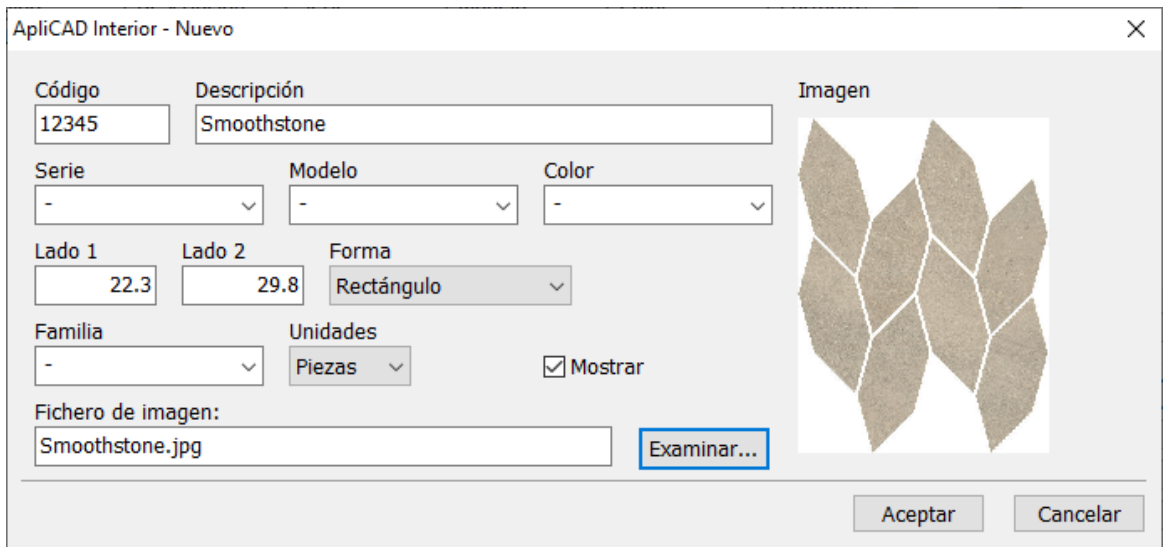
We will access the materials management option.



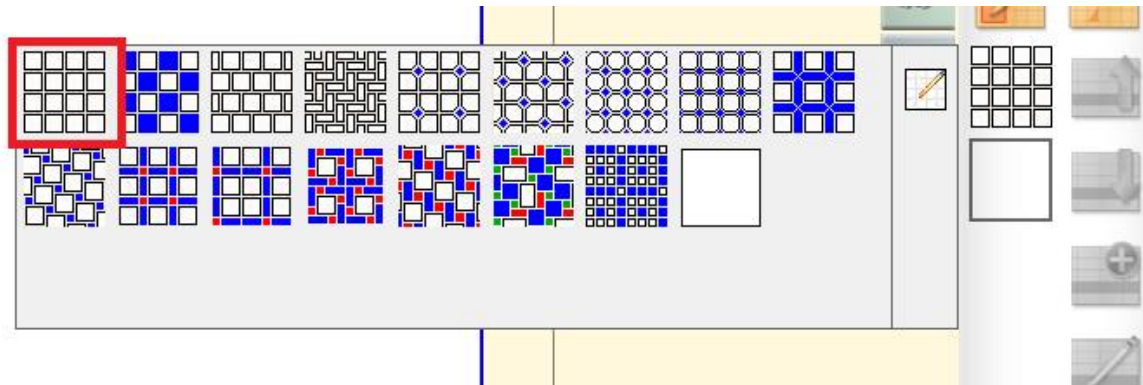
Clicking on "select from catalog ..."



By clicking on the button "New ..."

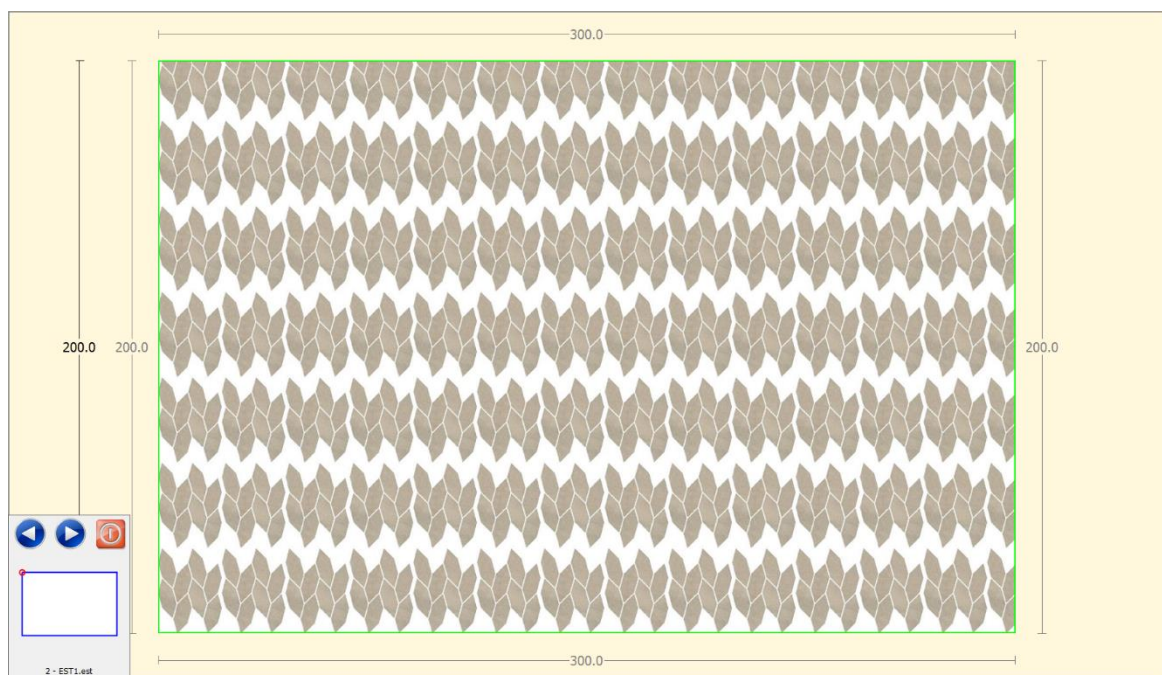


We can enter the information of the new product.

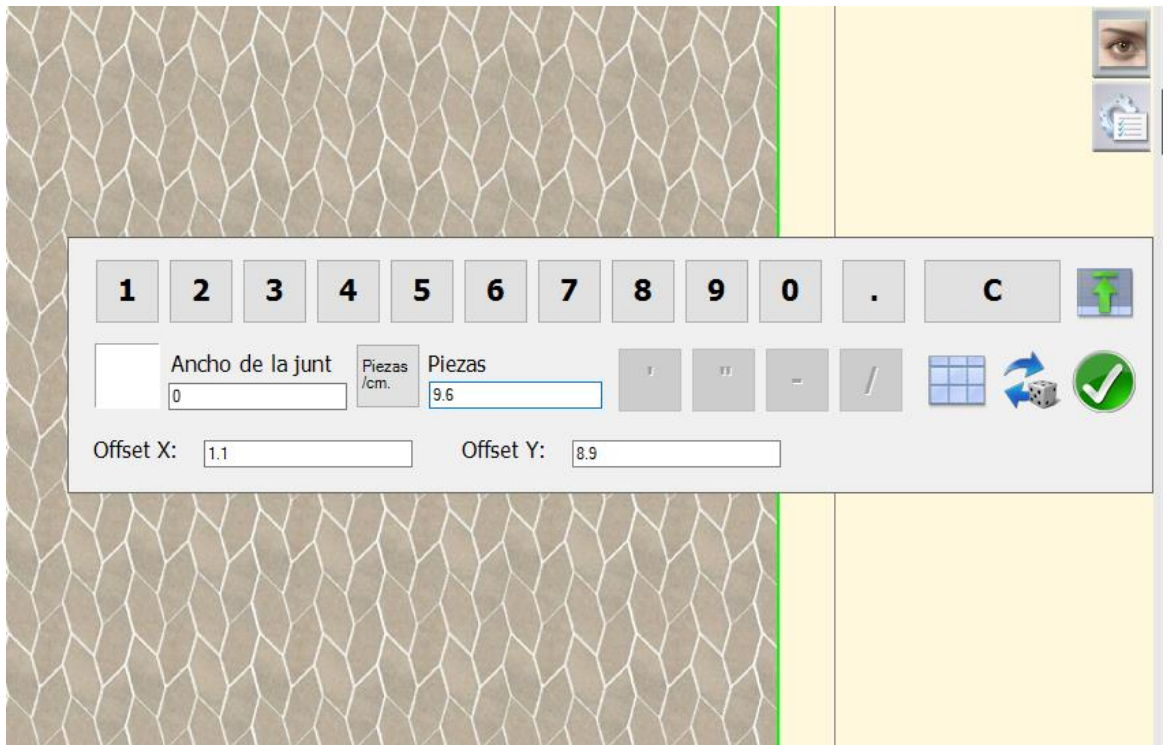


To place it, we will select the normal pattern.

When placing the material, it will appear as in the picture:



So we will have to use the configuration button of the placement, adjust the Offset in X and Y.



For these pieces the value is indicated in the image.