



GraphWorX64

Magic Wand for Floorplan Zones



APPLICATION NOTE

June 2017

Description: Magic Wand feature would allow you to click inside a polygon shaped area surrounded by lines to select those lines.

Introduction

With this feature you can more easily edit your floorplans and 2D templates that you've created. Once imported, you can easily select the lines that make up a polygon (for example, one room in a floor plan) and it will automatically replace those lines with a polygon, onto which you can add color dynamics or other GraphWorX64 functionality.

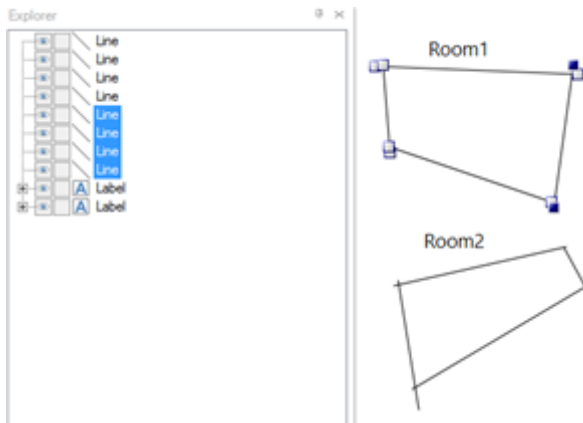


Figure 1 - Before using magic wand tool

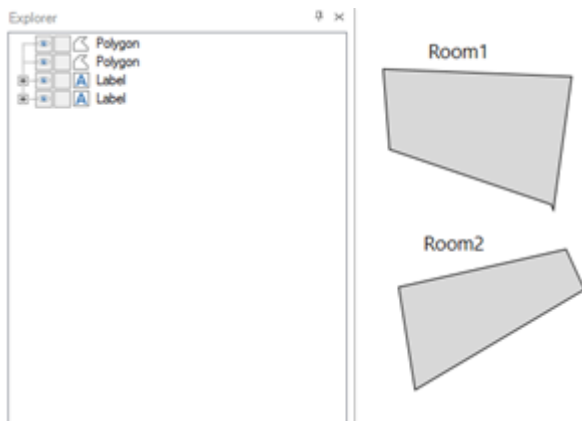


Figure 2 - After using magic wand tool

Editing your 2D File with the Magic Wand Tool

1. Import your 2D file (supported formats include Autodesk DWG, SVG, XAML) by clicking on **File → Import**. Choose your import type, then select your file.

NOTE: If you do not have a 2D file to import you can draw some individual lines in the shape of a polygon and use those to demonstrate this feature.

2. On the Home ribbon, click the dropdown next to the cursor and choose **Magic Wand Selection Mode**.

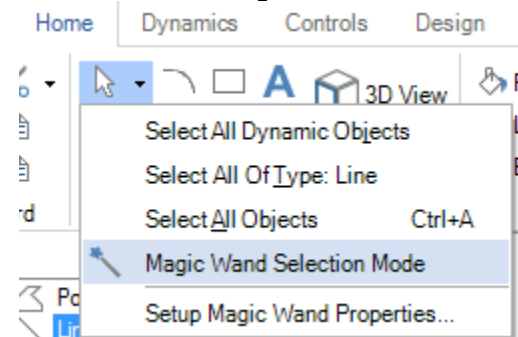


Figure 1 - Selecting the magic wand

3. Now, click inside a set of lines that you would like to make into a polygon. The magic wand should automatically detect the lines that make up the polygon and select them.
4. Once you have your lines selected, click the dropdown for the "Arrange to Combine Objects" button then choose **Append and Connect**. This will combine your lines in to a single polygon.

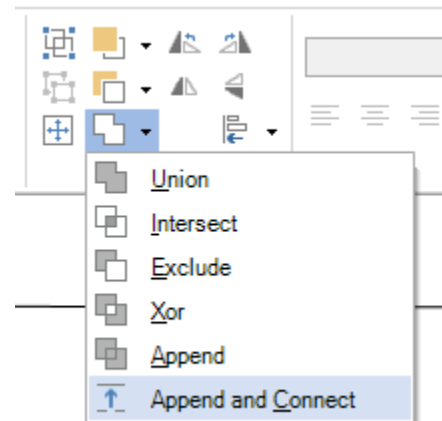


Figure 2 - Append and Connect

You may want to add the Append and Connect button to your Quick Access bar for easier access if you have a lot of shapes to convert into polygons.

You can click on the cursor dropdown again and choose Setup **Magic Wand Properties** to edit the properties for the magic wand and the Append and Connect feature, such as:

- Magic Wand sensitivity
- Line search restrictions
- Polygon generation behavior