

Copy Property Training

Copy Property_Training.zip



Copy Property - Overview

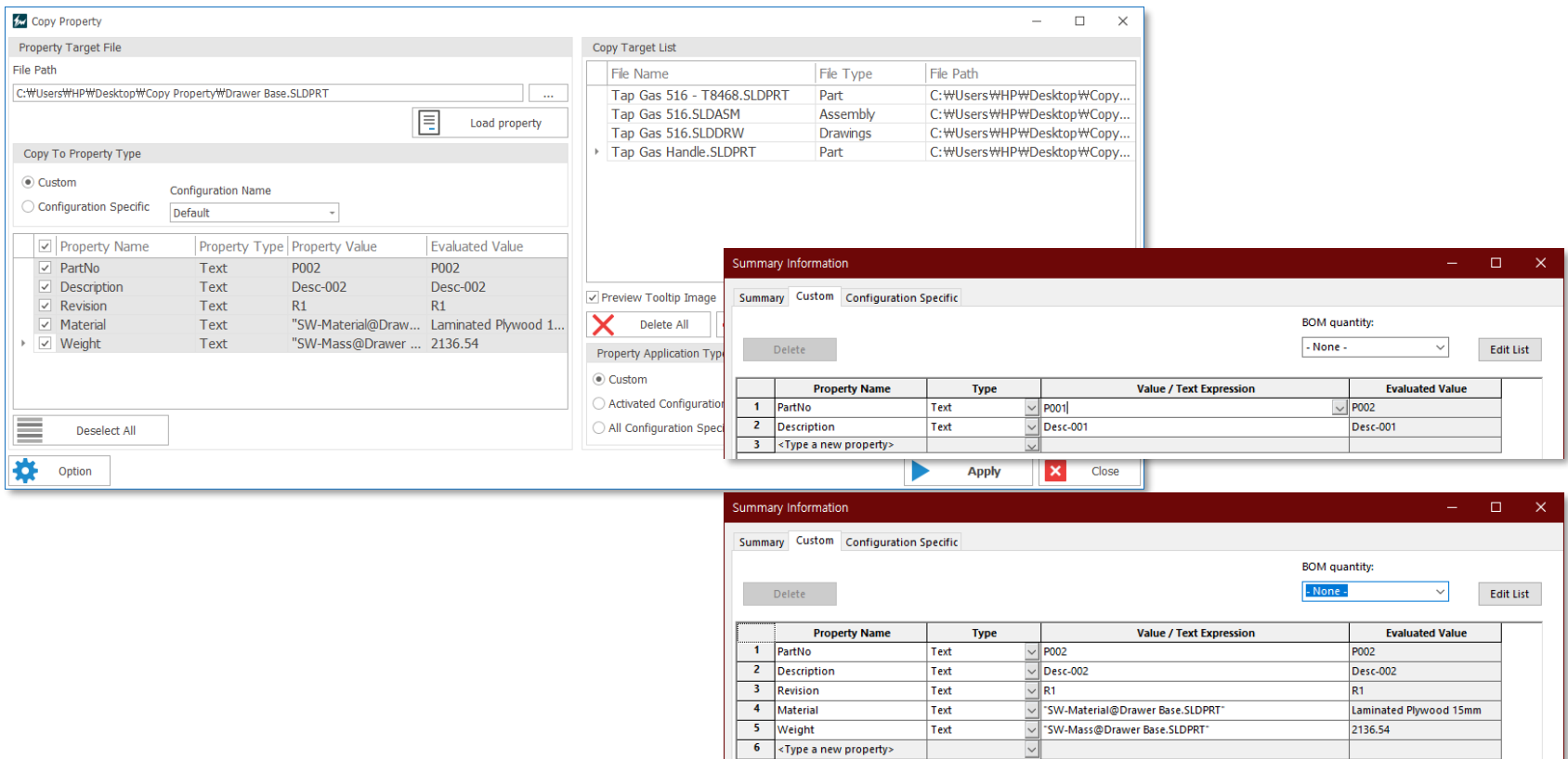
Main Functions

- Copy model properties in bulk to a large number of file model properties
- Custom Properties and Settings Copy Select Specific Properties
- Copy properties between parts, assemblies, and drawings

Benefits

- Properties can be entered into a large number of files, reducing work time
- It can be managed with standardized attribute information, enabling the establishment of a design process.

 **Course Objective: Follow the simple step-by-step instructions and learn how to use Copy Property.**



The image shows the 'Copy Property' dialog box and two 'Summary Information' windows. The 'Copy Property' dialog box has a 'Property Target File' section with a file path and a 'Copy To Property Type' section with radio buttons for 'Custom' and 'Configuration Specific'. Below these is a table of properties to be copied.

	Property Name	Property Type	Property Value	Evaluated Value
<input checked="" type="checkbox"/>	PartNo	Text	P002	P002
<input checked="" type="checkbox"/>	Description	Text	Desc-002	Desc-002
<input checked="" type="checkbox"/>	Revision	Text	R1	R1
<input checked="" type="checkbox"/>	Material	Text	"SW-Material@Draw...	Laminated Plywood 1...
<input checked="" type="checkbox"/>	Weight	Text	"SW-Mass@Drawer ...	2136.54

The 'Copy Target List' window shows a table of files to be copied to:

File Name	File Type	File Path
Tap Gas 516 - T8468.SLDPR	Part	C:\Users\WHP\Desktop\WCopy...
Tap Gas 516.SLDASM	Assembly	C:\Users\WHP\Desktop\WCopy...
Tap Gas 516.SLDDRW	Drawings	C:\Users\WHP\Desktop\WCopy...
Tap Gas Handle.SLDPR	Part	C:\Users\WHP\Desktop\WCopy...

The 'Summary Information' window shows the 'Configuration Specific' tab with a table of properties:

	Property Name	Type	Value / Text Expression	Evaluated Value
1	PartNo	Text	P001	P002
2	Description	Text	Desc-001	Desc-001
3	<Type a new property>			

The 'Summary Information' window also shows a 'BOM quantity' dropdown set to '- None -' and an 'Edit List' button.

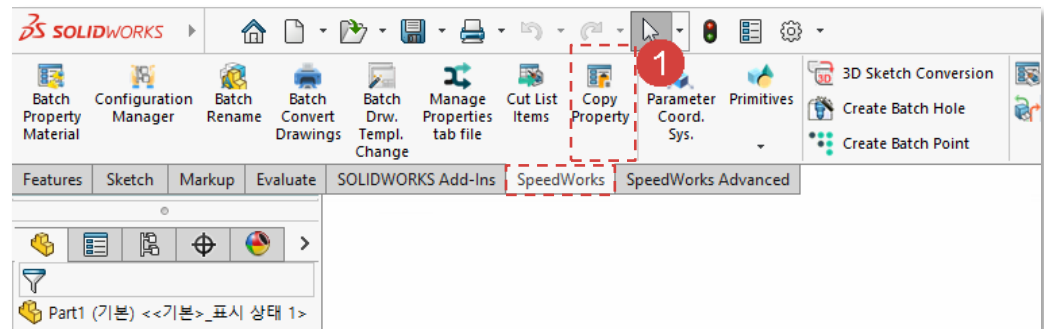
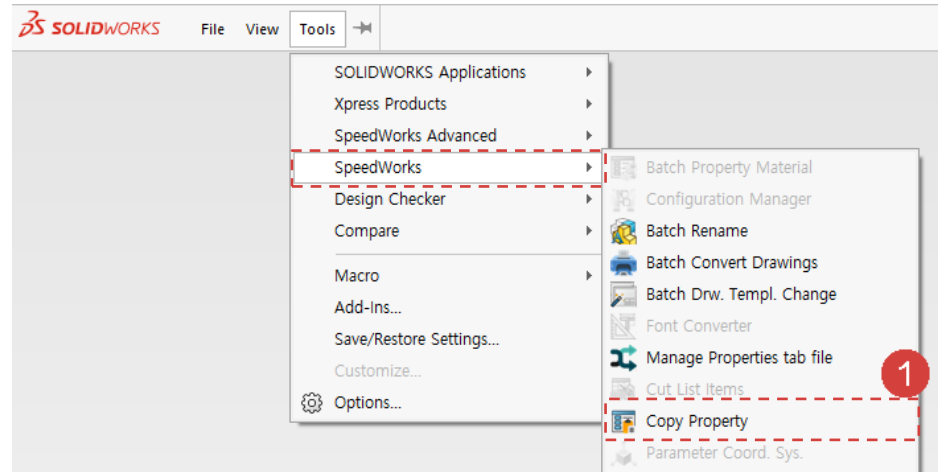
Copy Property - Execute

- ① Click **SOLIDWORKS – [Tool] tab - [SpeedWorks]**
- **[Copy Property]** to execute function.

or in Part/Assembly/Drawing files click
[SpeedWorks]tab - [Copy Property] to execute
function.

※ You can download example files at Support page in
SpeedWorks Homepage(<https://speedworks.info>).

Work on the part with the red circle (①) following instructions by yourself.
The part with the black square (■) is an additional explanation or a reference.



Copy Property - Property Target File Add

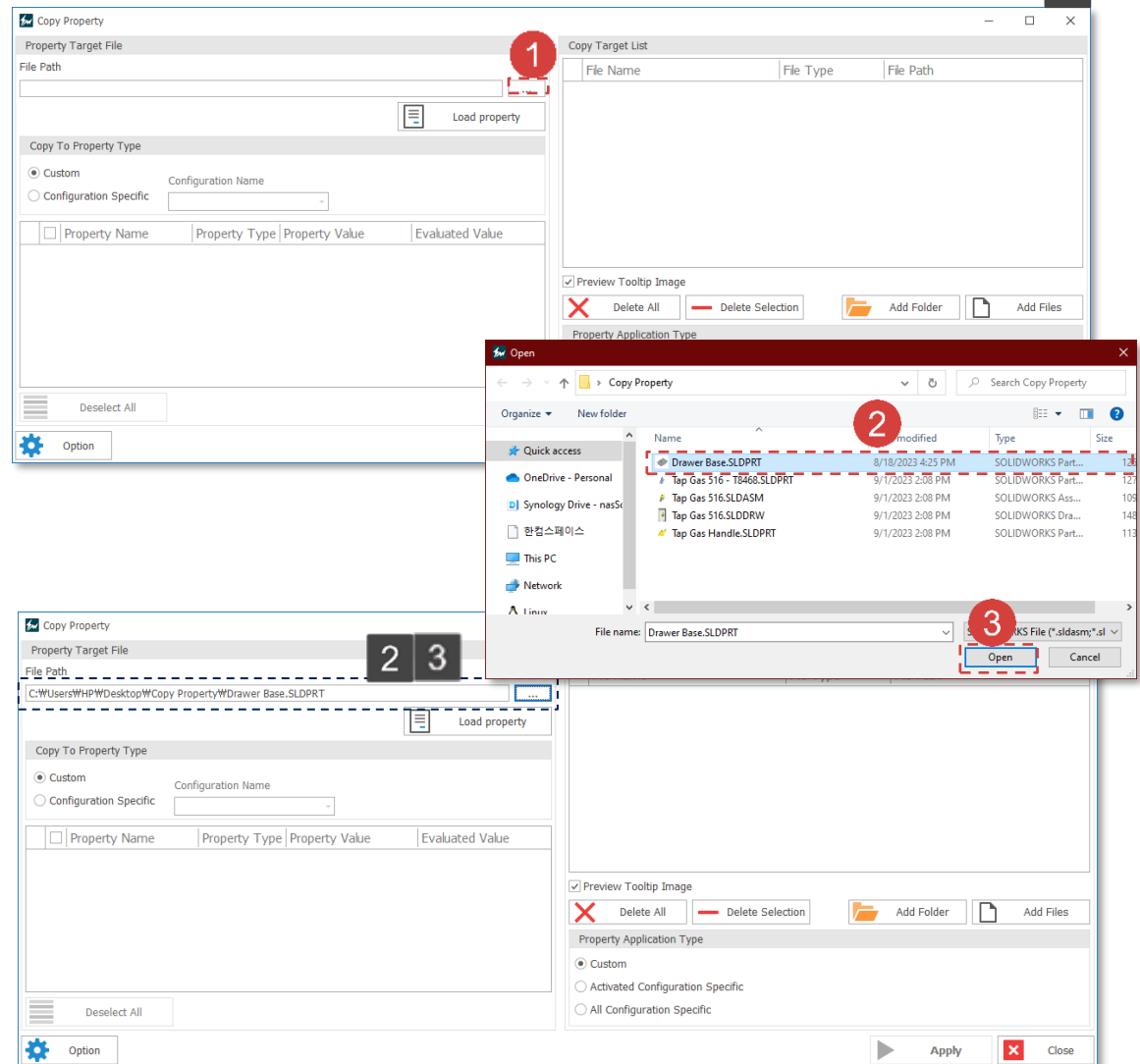
Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

- 1 Click to [...].
- 2 Select '**Drawer Base.SLDPR**' file among the sample files.
- 3 Click **[Open]** button to add file.

1 This is Copy Property screen.

2 It is file added list.

3 Part, assembly, and drawing files can be used as property target files.

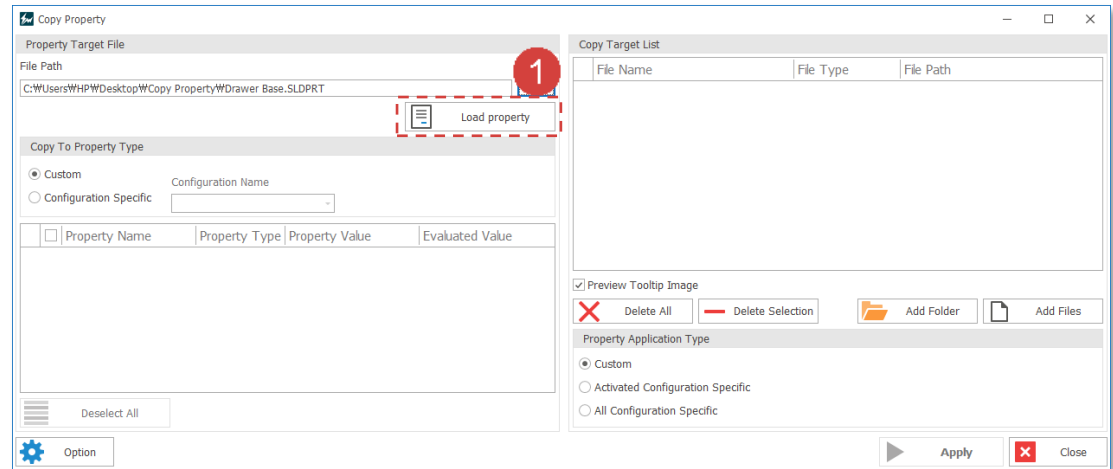


Copy Property - Load Property

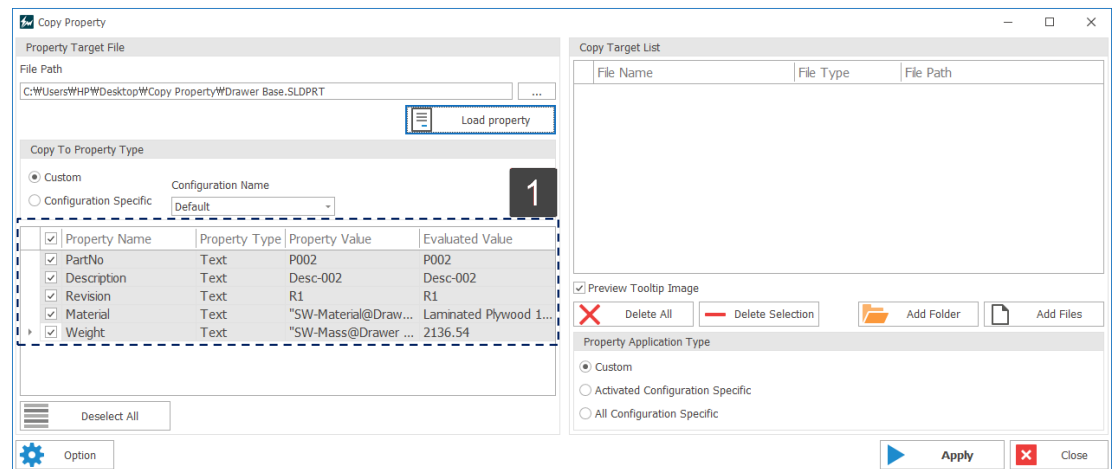
Work on the part with the red circle (1) following instructions by yourself.

The part with the black square (1) is an additional explanation or a reference.

1 Click to **[Load property]**.



1 Property loading has been completed.



Copy Property - Select Property

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (2) is an additional explanation or a reference.

- 1 Select the **[Copy To Property Type] – [Custom]**.
- 2 Select the **'PartNo', 'Description', 'Revision', 'Material', 'Weight'**.

- 1 User can select the type of property you want to copy.
- 2 If user select Configuration Specific, you can recall the desired configuration properties by selecting **[Configuration Name]**.
- 3 User can use the **[Deselect All]** button to deselect all attributes to be copied.

The screenshot shows the 'Copy Property' dialog box. It has a 'Property Target File' section with a 'File Path' field containing 'C:\Users\WHP\Desktop\Copy Property\Drawer Base.SLDPRT'. Below this is the 'Copy To Property Type' section, which has two radio buttons: 'Custom' (selected, marked with a red circle 1) and 'Configuration Specific'. A 'Configuration Name' dropdown menu is set to 'Default' (marked with a black square 2). Below these is a table with columns: 'Property Name', 'Property Type', 'Property Value', and 'Evaluated Value'. The table contains five rows: 'PartNo', 'Description', 'Revision', 'Material', and 'Weight'. Each row has a checkbox in the first column, all of which are checked (marked with a red circle 2). At the bottom of the dialog is a 'Deselect All' button (marked with a black square 3) and an 'Option' button with a gear icon.

Property Name	Property Type	Property Value	Evaluated Value
PartNo	Text	P002	P002
Description	Text	Desc-002	Desc-002
Revision	Text	R1	R1
Material	Text	"SW-Material@Draw...	Laminated Plywood 1...
Weight	Text	"SW-Mass@Drawer ...	2136.54

Copy Property - Add Copy Target Files

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

- 1 Click **[Add Files]** button.
- 2 Select 'Tap Gas 516 - T8468.SLDPRT', 'Tap Gas 516.SLDASM', 'Tap Gas 516.SLDDRW', 'Tap Gas Handle.SLDPRT' files among the sample files.
- 3 Click **[Open]** button to add file.

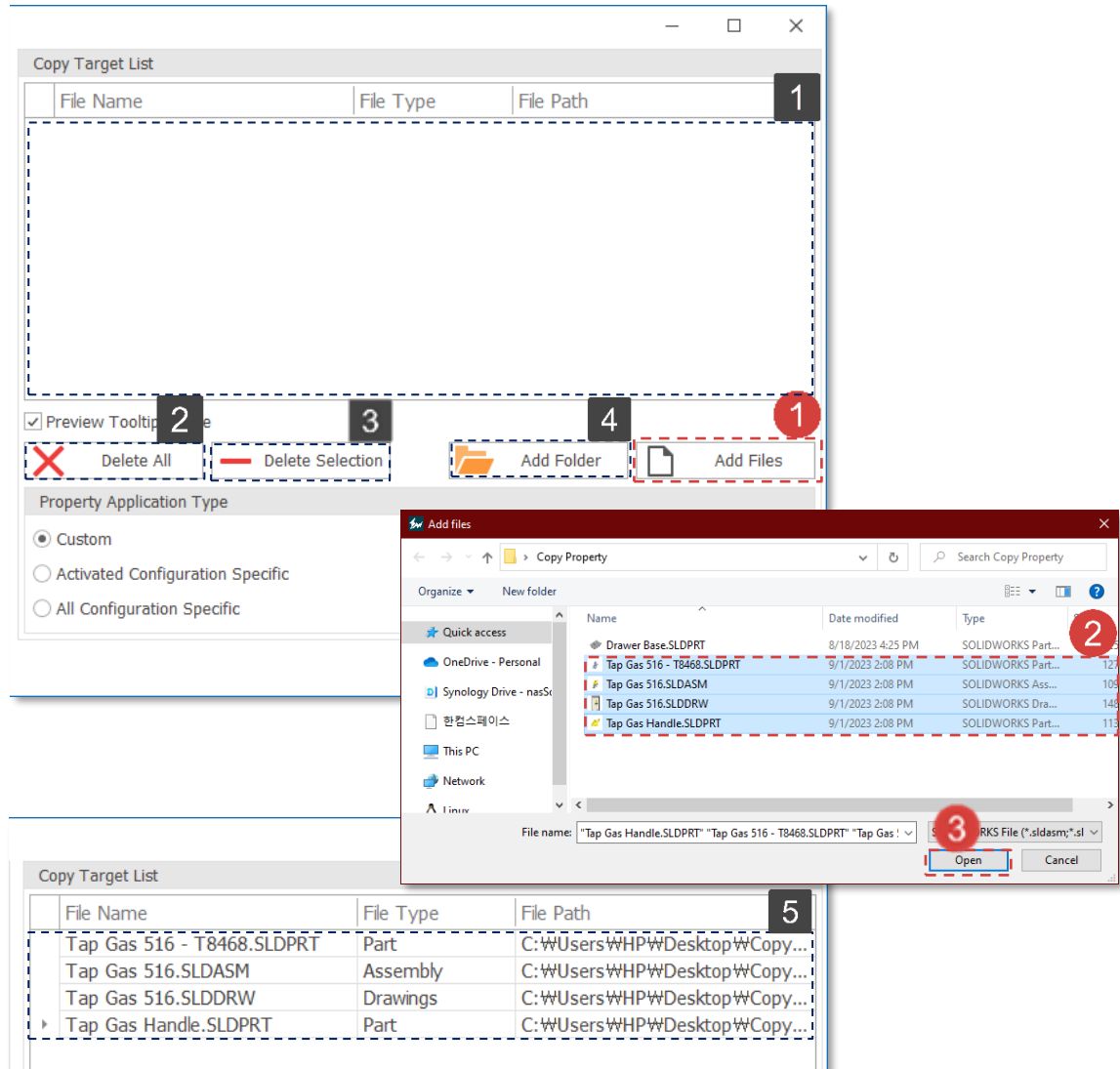
1 Part, assembly, and drawing files can be used as copy target files.

2 User can delete the entire copy target list using the **[Delete All]** button.

3 User can delete selected items using the **[Delete Selection]** button.

4 User can use the **[Add Folder]** button to add SOLIDWORKS part, assembly, and drawing files within the folder.

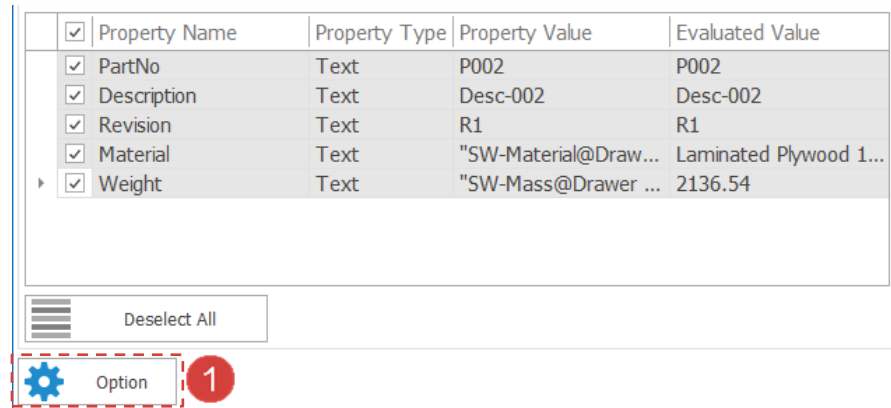
5 File addition has been completed.



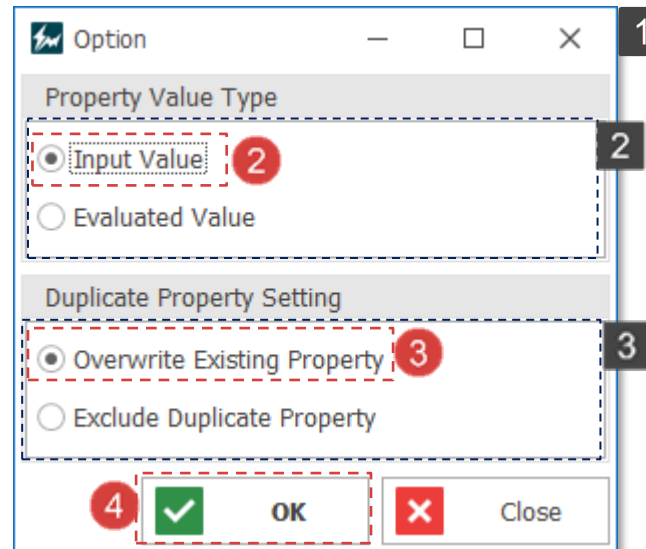
Copy Property - Option Setting

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

- 1 Click **[Option]** button.
- 2 Select the **[Property Value Type]** - **[Input Value]**.
- 3 Select the **[Duplicate Property Setting]** - **[Overwrite Existing Property]**.
- 4 Click **[OK]** button.



- 1 This is Option screen.
- 2 User can specify the type of properties value to copy.
- 3 User can specify what to do if identical properties exist in the files to be copied.

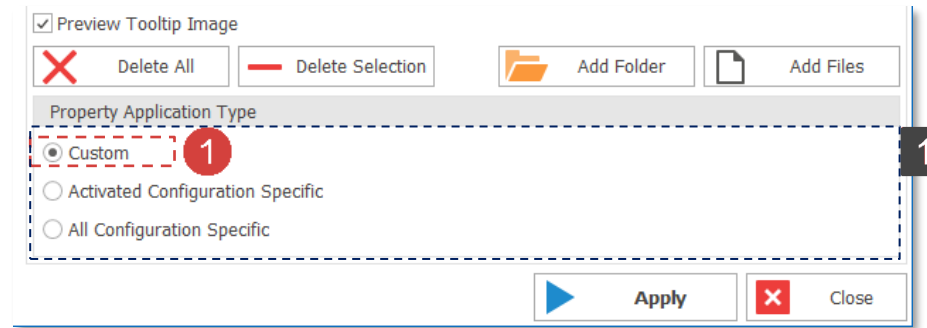


Copy Property - Select Property Application Type

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

1 Select the **[Property Application Type]** - **[Custom]**.

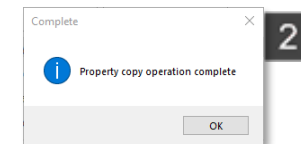
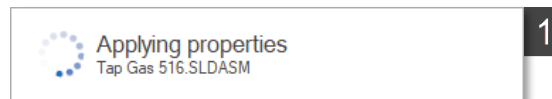
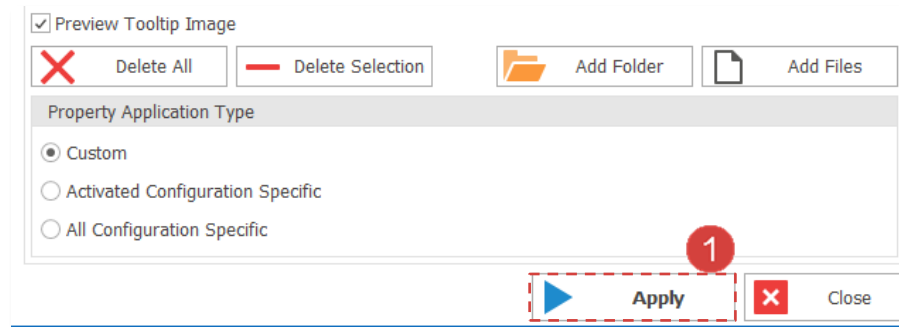
1 You can specify the enforcement type of the properties you want to copy.



Auto Barcode Insert - Insert Barcode

Work on the part with the red circle (1) following instructions by yourself.
The part with the black square (1) is an additional explanation or a reference.

1 Click the **[Apply]** button.



1 User can check the progress.

2 When the operation is complete, a completion message window appears.

3 State before copying properties

4 Status after copying properties

