



eTlipse  
**elements2**



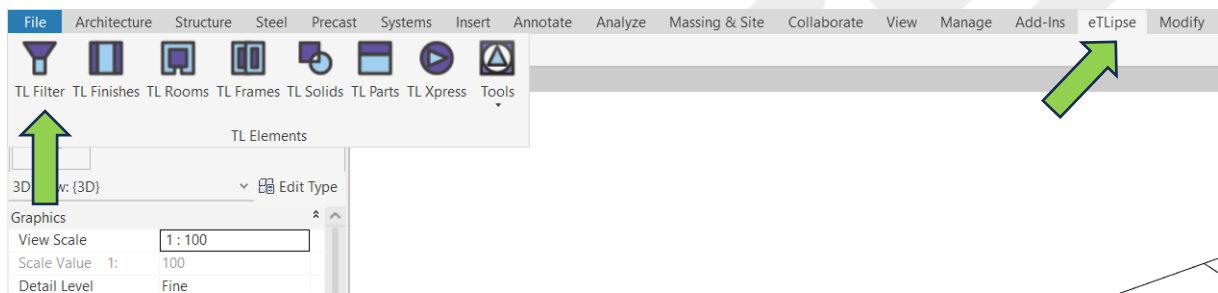
# TL FILTER GUIDE (ENGLISH)

April 14, 2024

## TL ELEMENTS: FILTER - RETRIEVAL TOOL \ \ GUIDE

TL Elements FILTER is a tool for filtering of Revit elements by Category, Family, Type and/or Parameter values. We can use multiple filters and choose between "and"/"or" operators for parameter filters combination. The standard TL Elements integrated visualization tools are also available to improve this workflow.

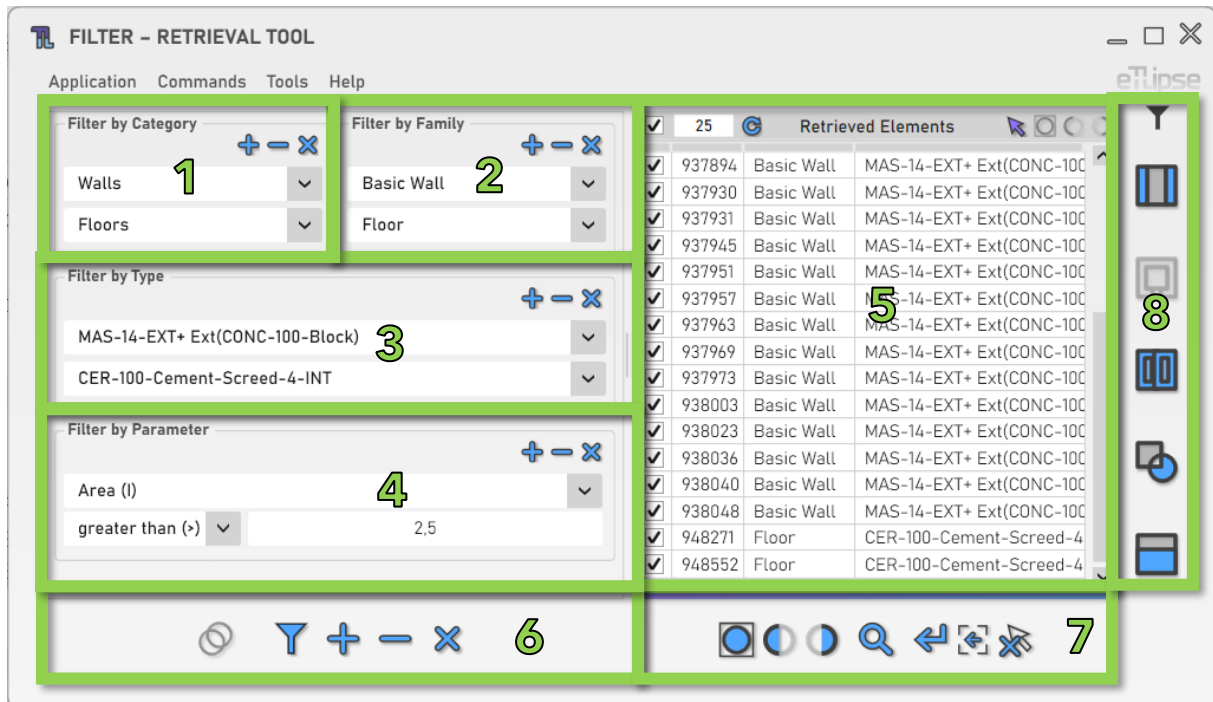
This is a guide to get you started on the basics of the command. Please, keep in mind that, in addition to this and any other support material, TL Elements also provides helpful tooltips with descriptions of features that you may invoke by hovering your mouse over the buttons of the application.



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## TL FILTER INTERFACE



As we can see in the image, the TL Filter user interface provides:

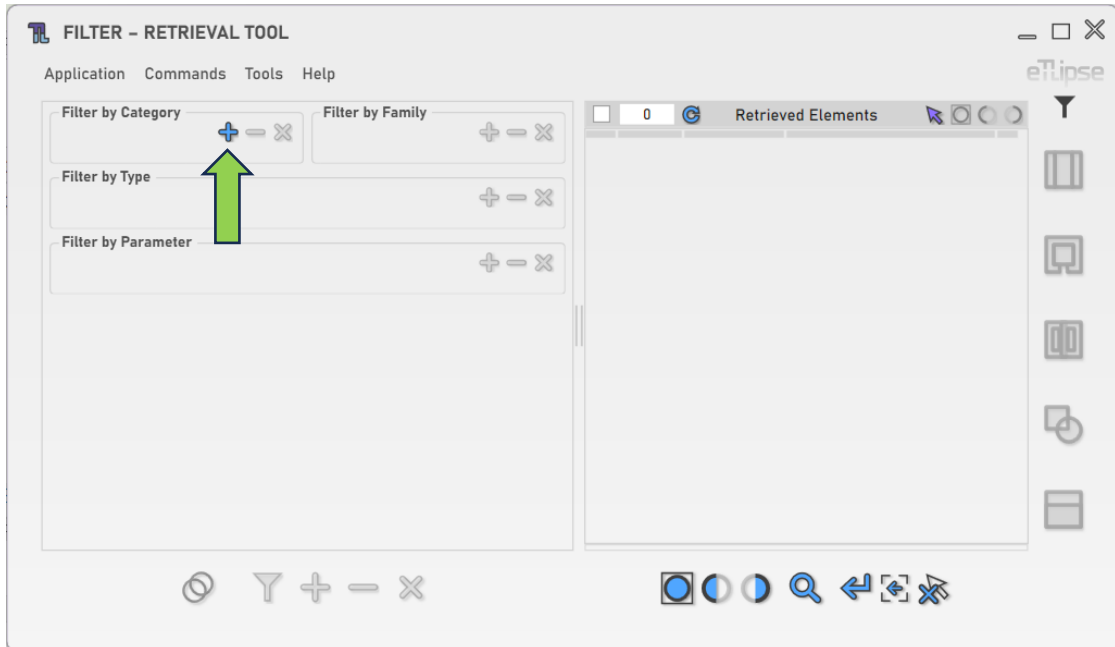
1. A group of filters by Category.
2. A group of filters by Family.
3. A group of filters by Type.
4. A group of filters by Parameters.
5. A list of the filtered elements (Elements Retrieval List).
6. A set of tools for elements filtering (to fill the Elements Retrieval List).
7. A set of visualization tools.
8. A set of buttons to send the filtered elements to other commands of the application.

To learn how to use the controls in lists and the visualization tools, please, refer to the “TL List” and “TL Visualization Tools” guides.

All numeric text boxes in the interface will assume values in the units currently set for the type of the selected parameter in the active project.

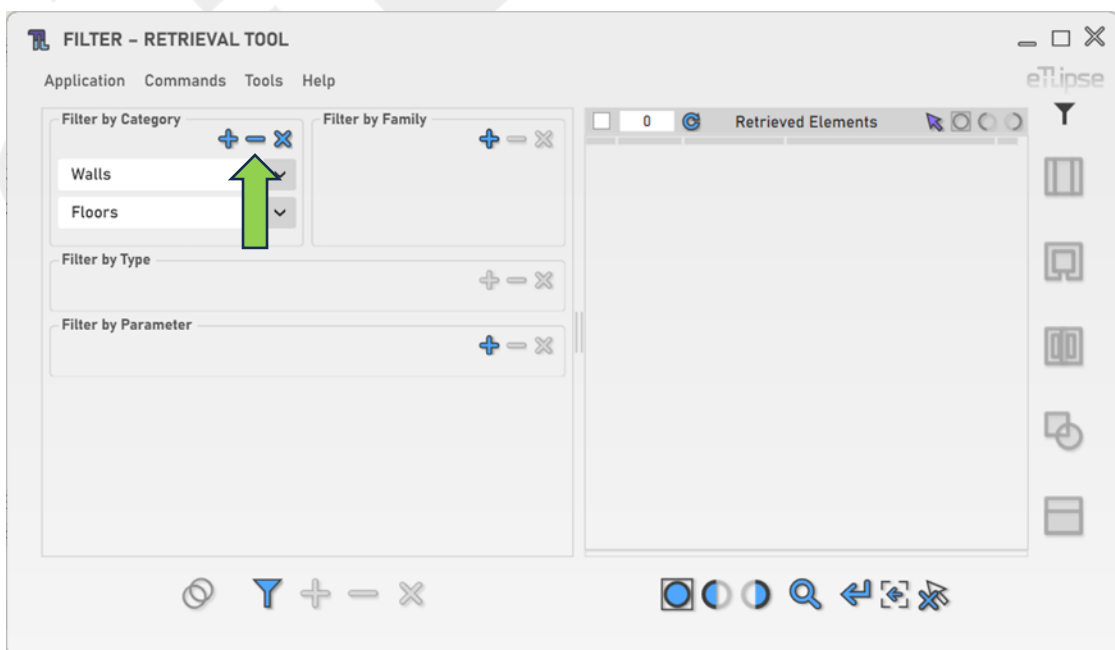
## Adding a Category Filter Item

In order to add a Category filter, you must click the “Add Category Filter” button. The category for the filter can be selected at the dropdown box that appears. Multiple filters can be added.



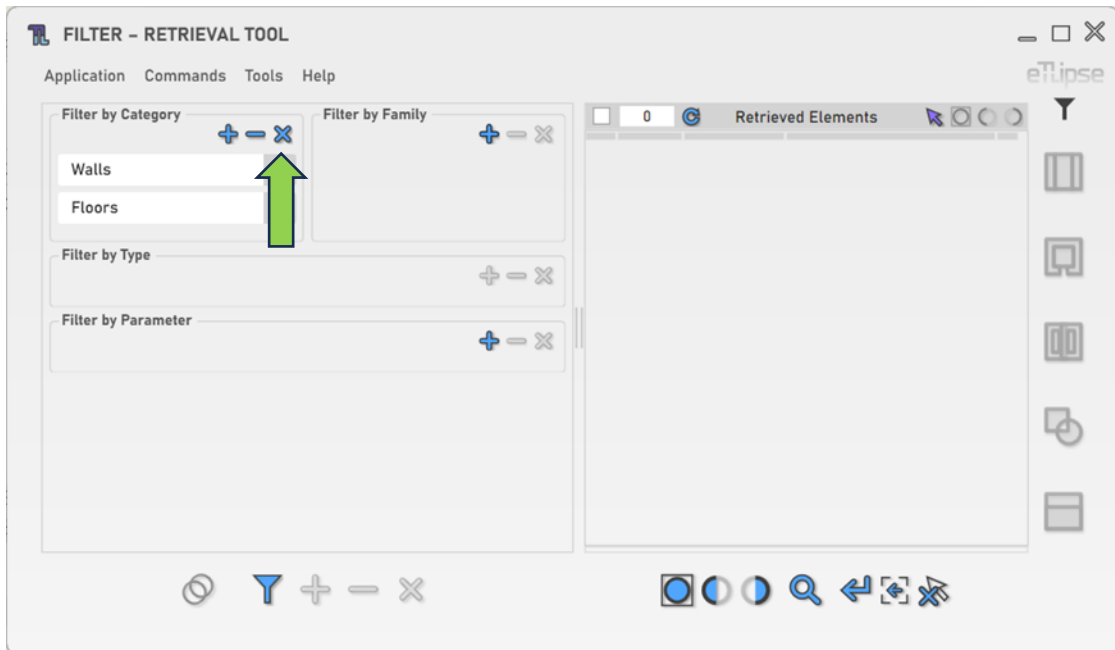
## Removing a Category Filter Item

In order to remove the last added Category filter, you must click the “Remove Category Filter” button.



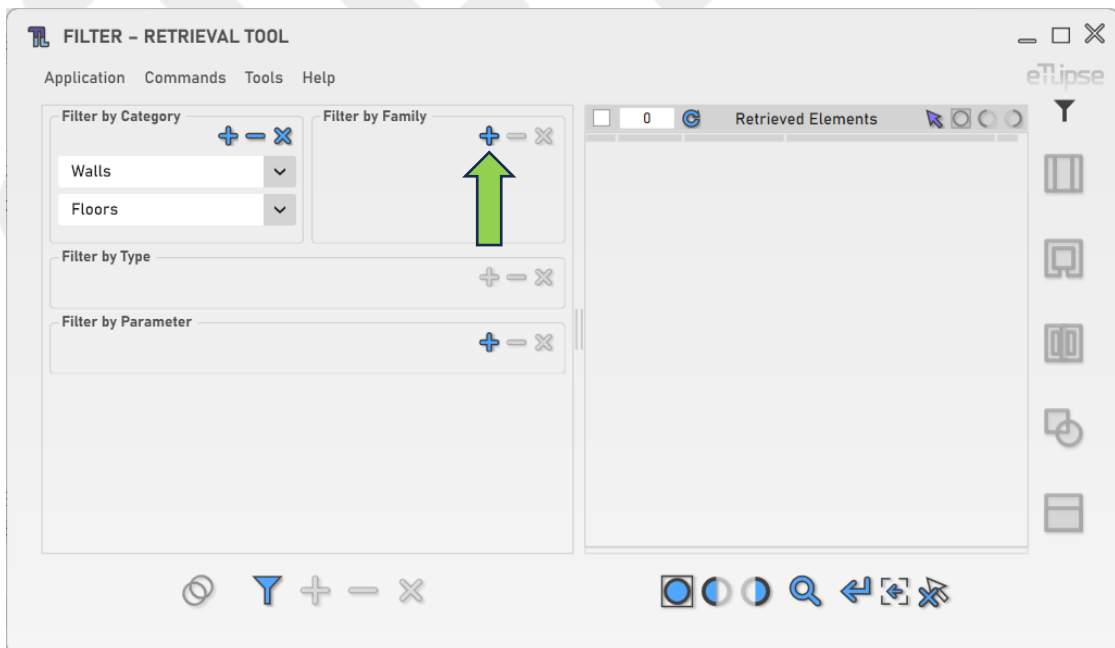
## Clearing the Category Filter Items

In order to clear all Category filters, you must click the “Clear Filters” button.



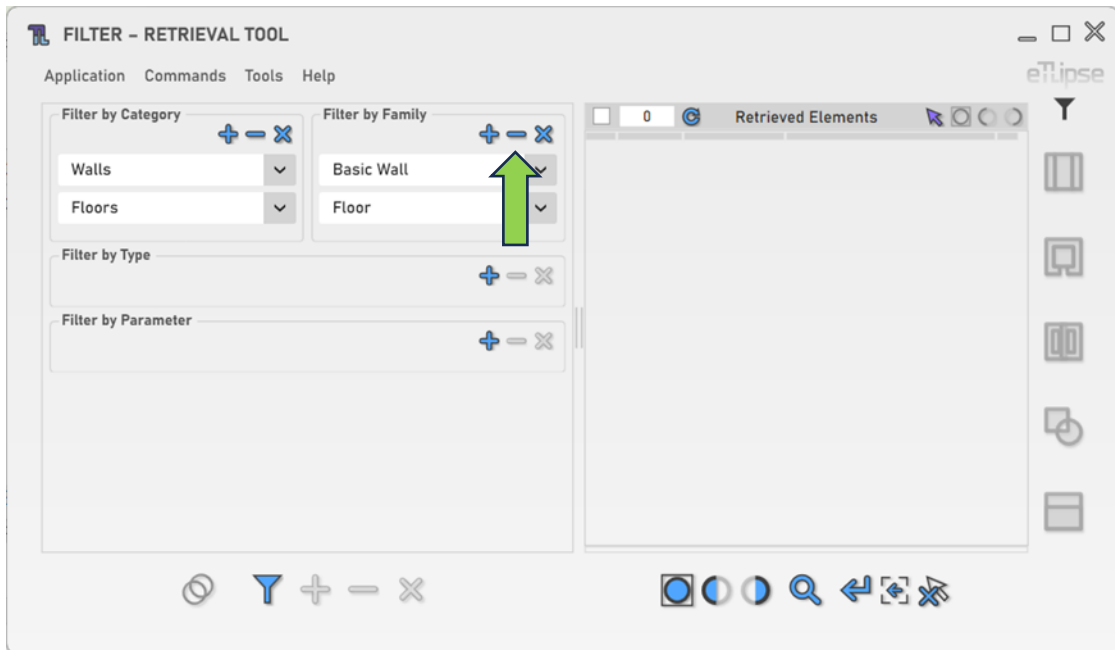
## Adding a Family Filter Item

In order to add a Family filter, you must click the “Add Family Filter” button. The family for the filter can be selected at the dropdown box that appears. Multiple filters can be added.



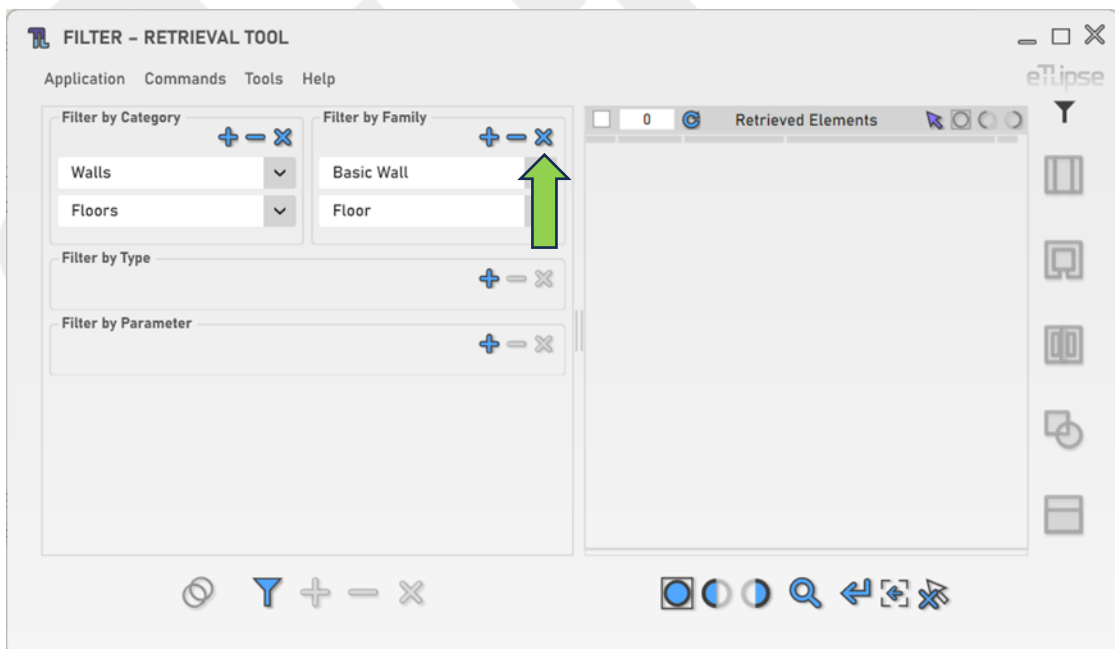
## Removing a Family Filter Item

In order to remove the last added Family filter, you must click the “Remove Family Filter” button.



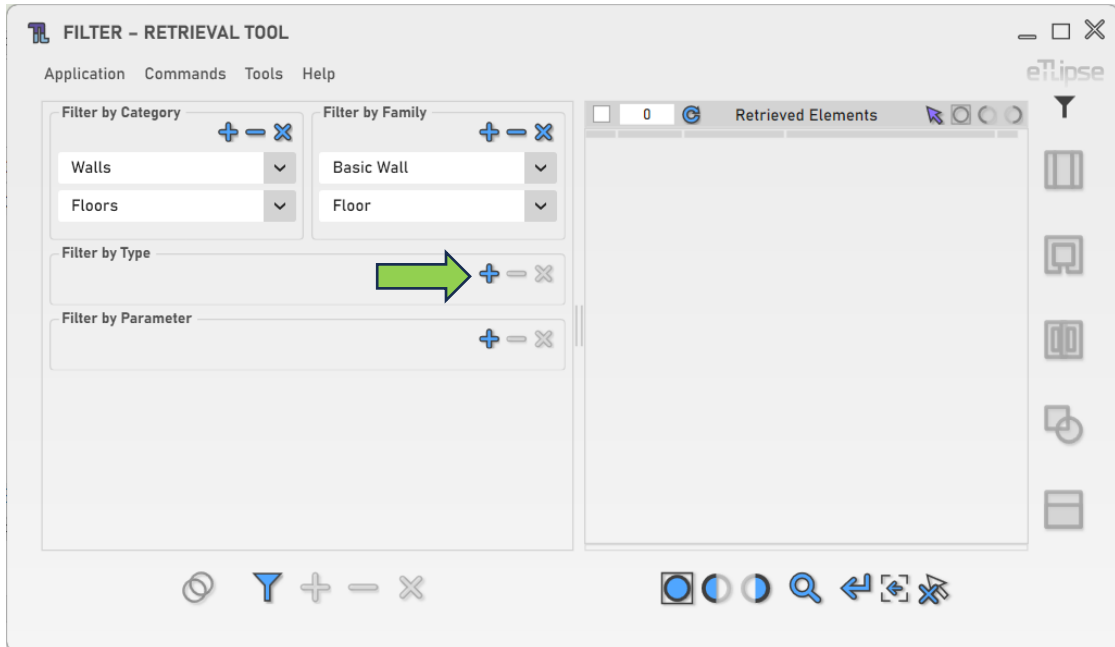
## Clearing the Family Filter Items

In order to clear all Family filters, you must click the “Clear Filters” button.



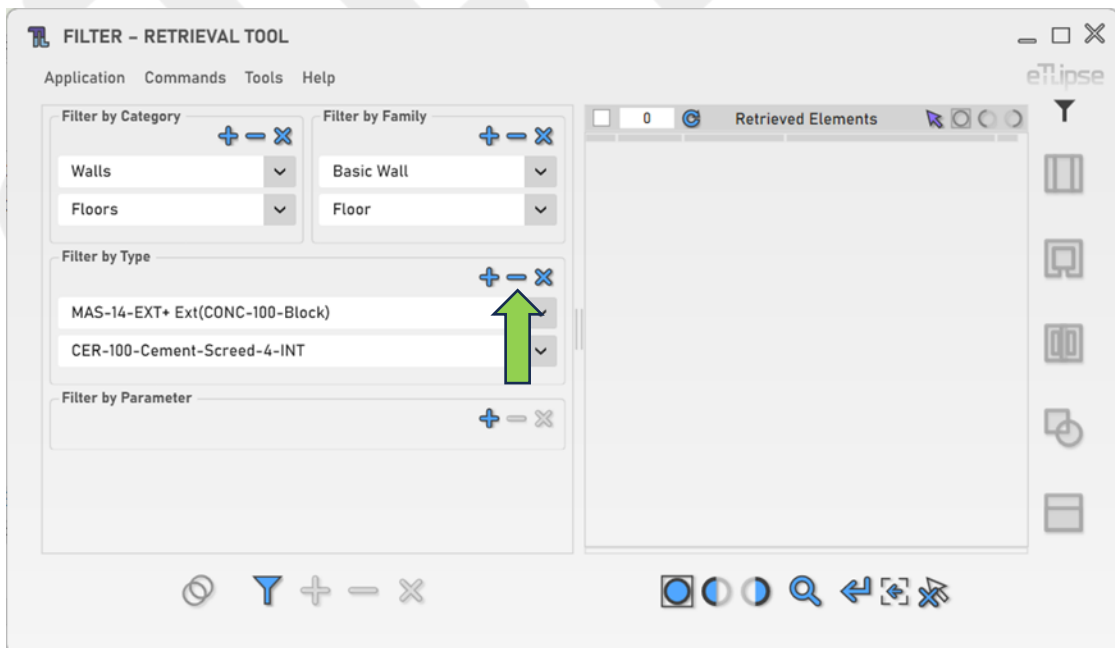
## Adding a Type Filter Item

In order to add a Type filter, you must click the “Add Type Filter” button. The type for the filter can be selected at the dropdown box that appears. Multiple filters can be added.



## Removing a Type Filter Item

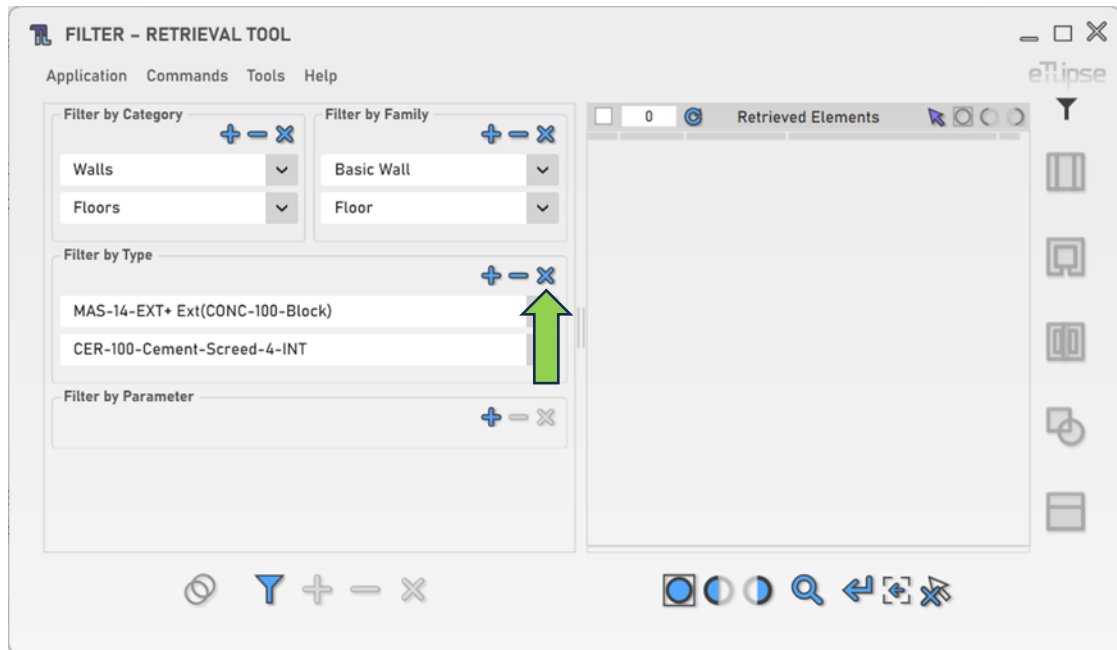
In order to remove the last added Type filter, you must click the “Remove Type Filter” button.





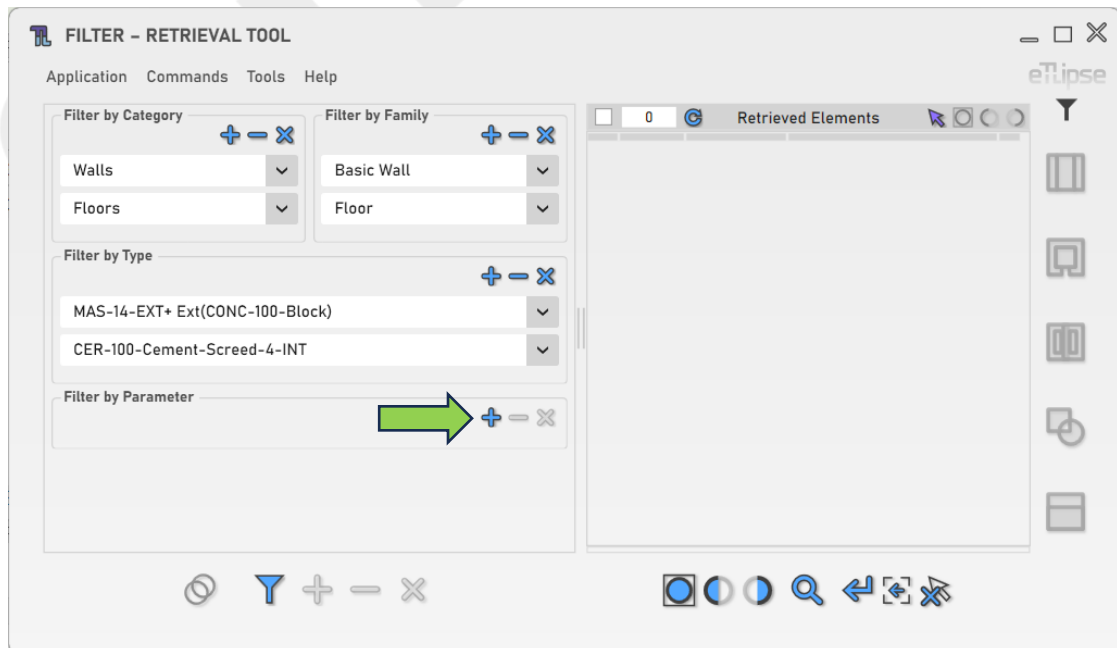
## Clearing the Type Filter Items

In order to clear all Type filters, you must click the “Clear Filters” button.



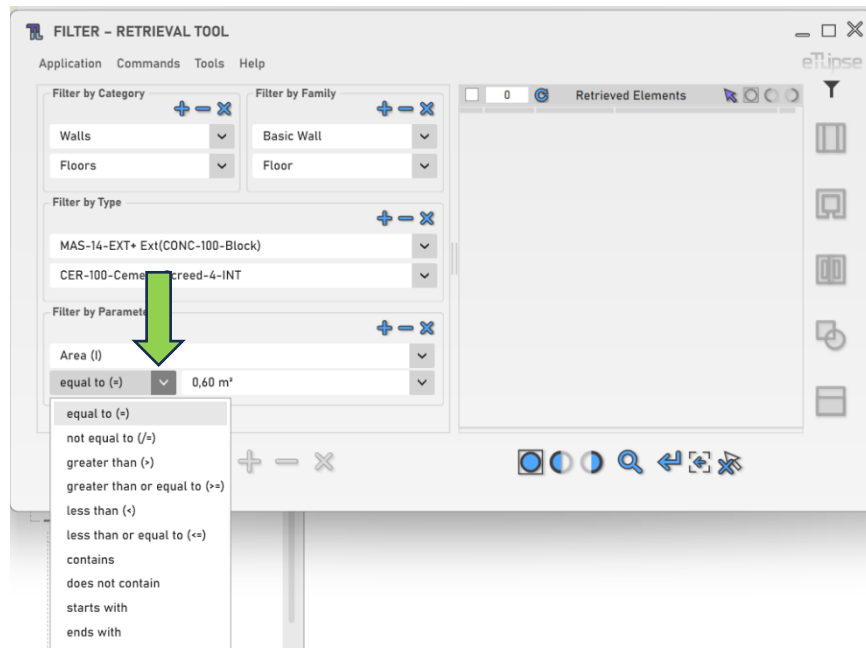
## Adding a Parameter Filter Item

In order to add a Parameter filter, you must click the “Add Parameter Filter” button. The parameter for the filter can be selected at the dropdown box that appears. Instance Parameters will show a “(I)” label at the end of their names. Type parameters will show a “(T)” label. Multiple filters can be added.



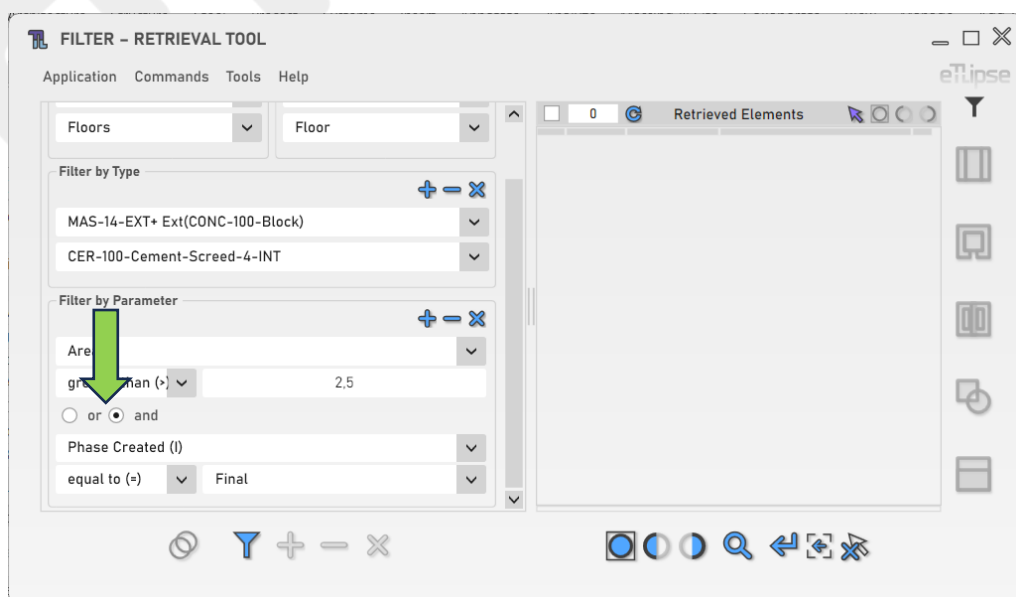
## Selecting a condition in a Parameter Filter Item

Parameter filters require the definition of a condition, this condition can be set in the indicated dropdown box. The value for the required condition must be entered or selected in the field to the right of the condition dropdown box. If the condition is "equal to" the value must be chosen from a dropdown box. Generally, in other cases, the value must be entered in a text box.



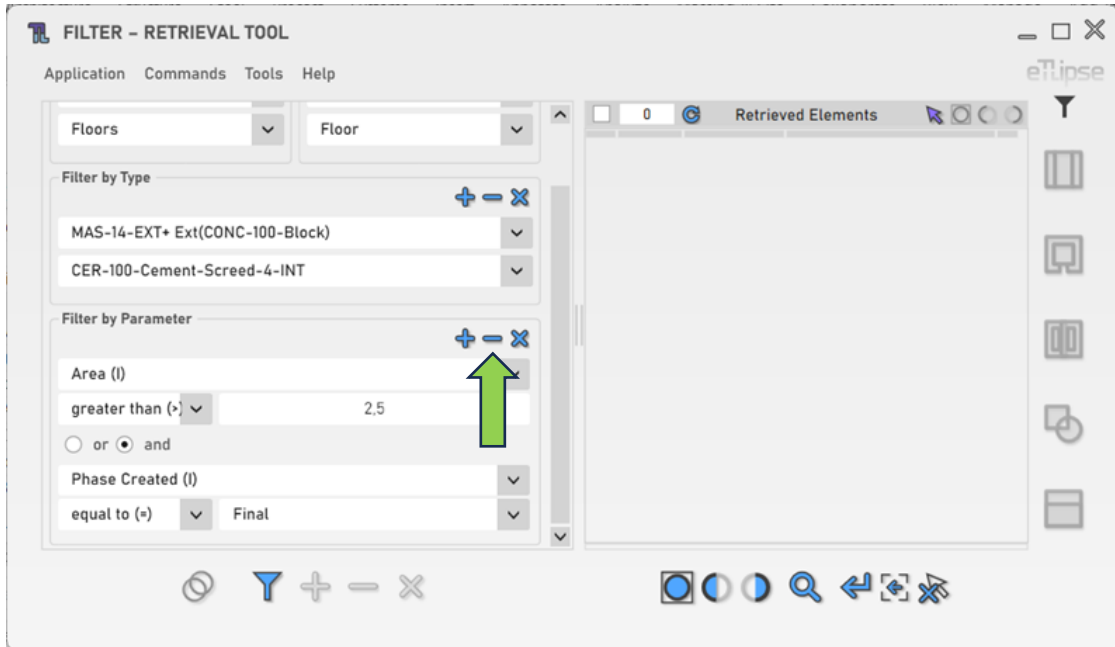
## Adding Parameter Filters with Operators

If multiple parameter filters are added, an operator between them must be defined. The "Or" operator will include elements that match any of the filters. The "And" operator will include only the elements that match both filters requirements. This setting can be defined at the indicated buttons.



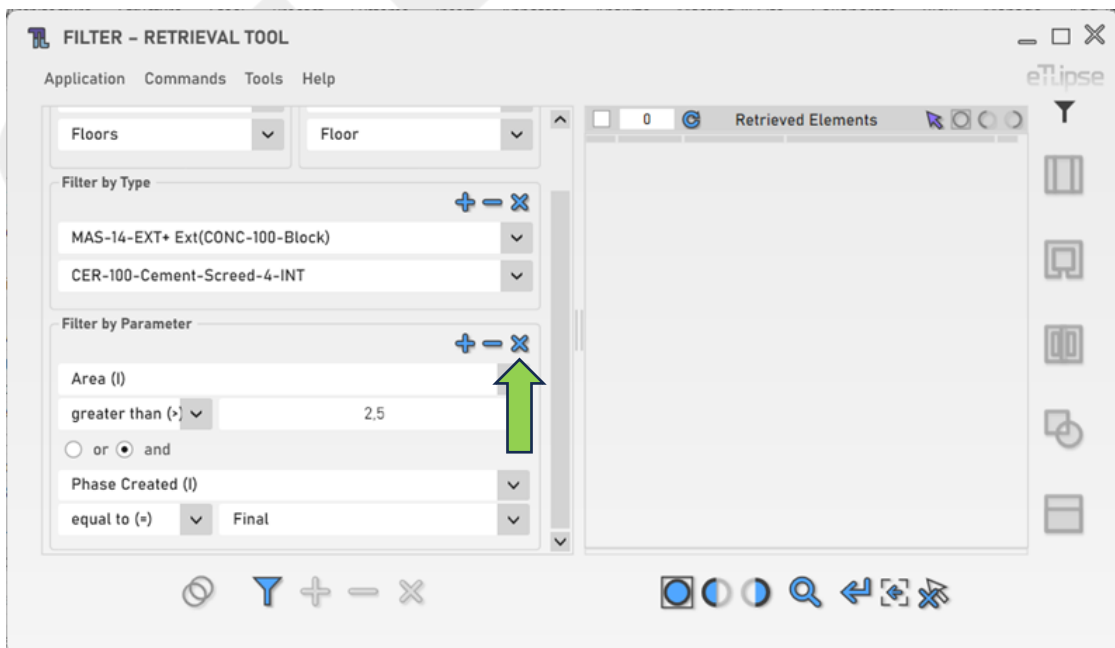
## Removing a Parameter Filter Item

In order to remove the last added Parameter filter, you must click the “Remove Parameter Filter” button.



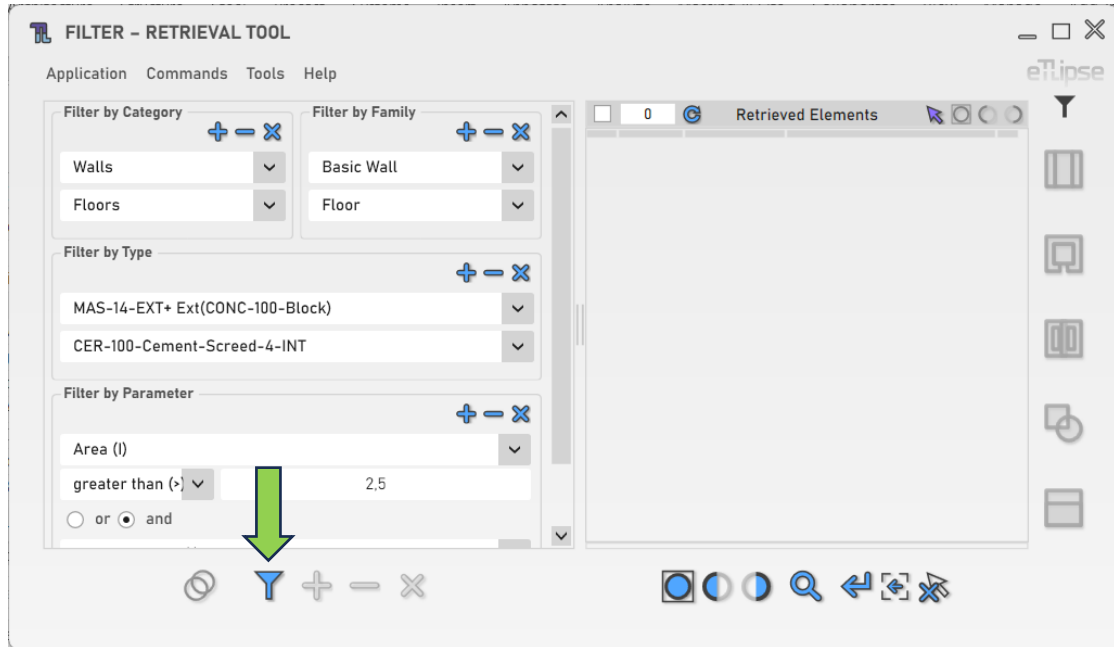
## Clearing the Parameter Filter Items

In order to clear all Parameter filters, you must click the “Clear Filters” button.



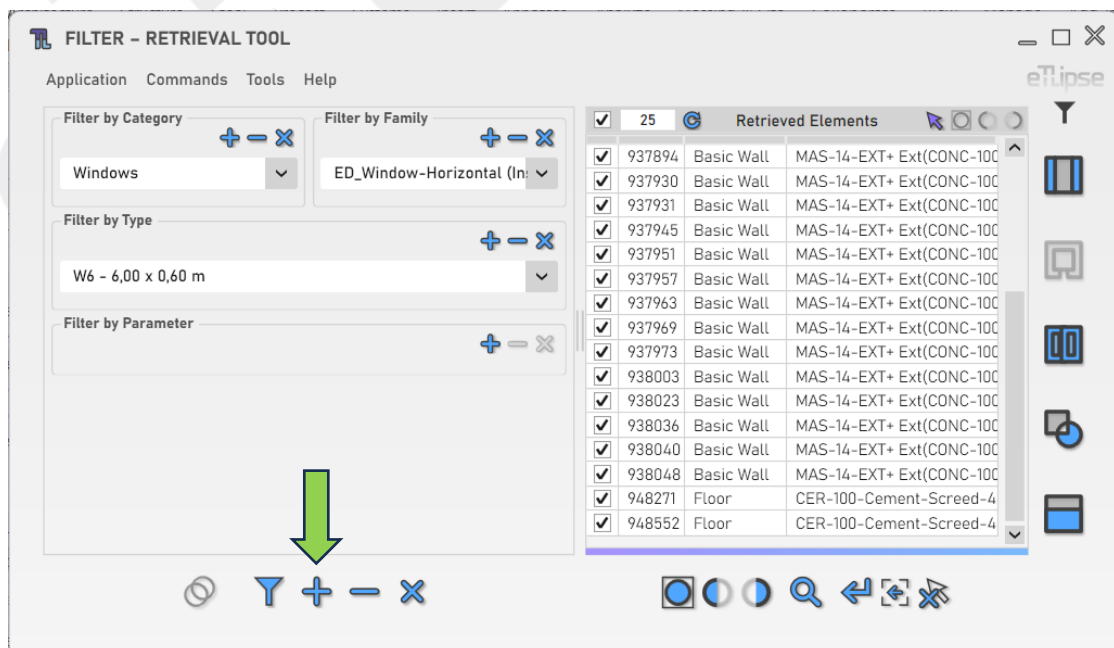
## Retrieving Filtered Elements

To retrieve the elements that match the provided filters, you must click the “Retrieve Elements and Override List” button.



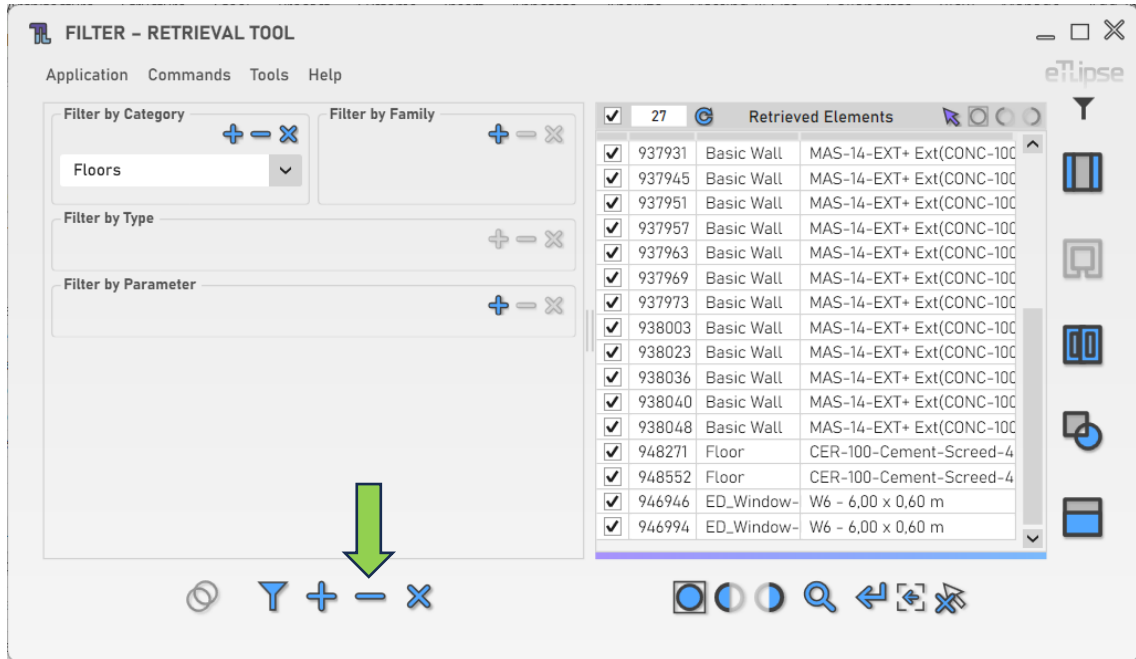
## Adding Filtered Elements

In order to add elements that match a new filters configuration to the list, you must click the “Retrieve Elements and Add to the List” button.



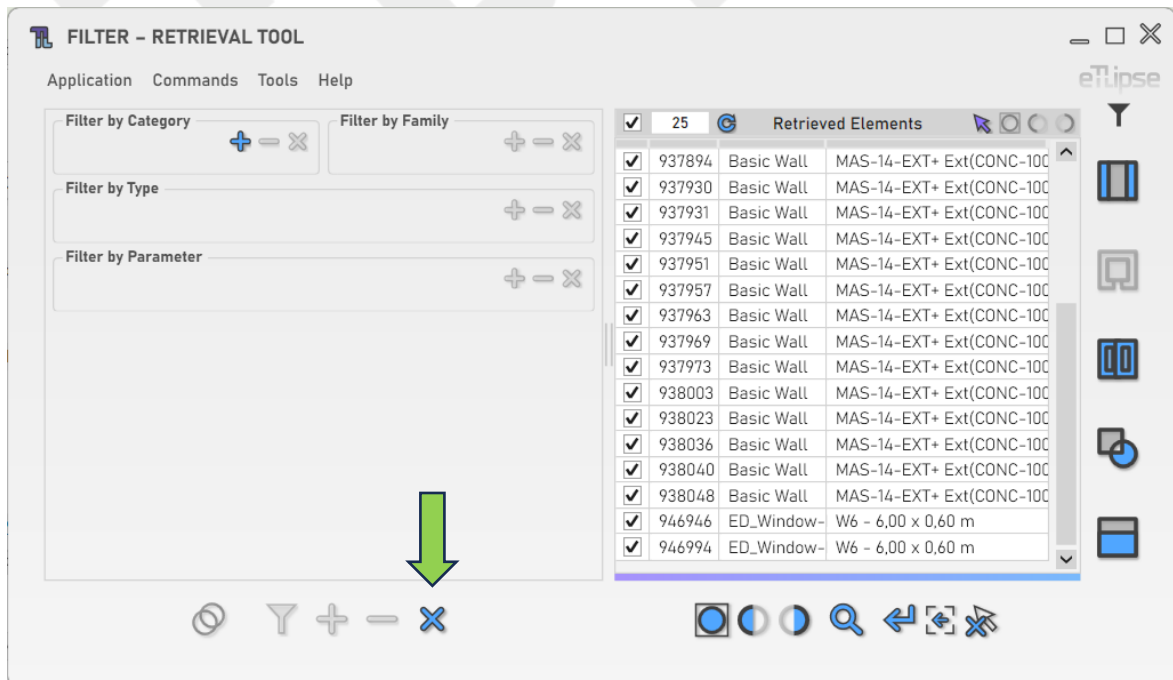
## Removing Filtered Elements

In order to remove elements that match a new filters configuration from the list, you must click the “Retrieve Elements and Remove from the List” button.



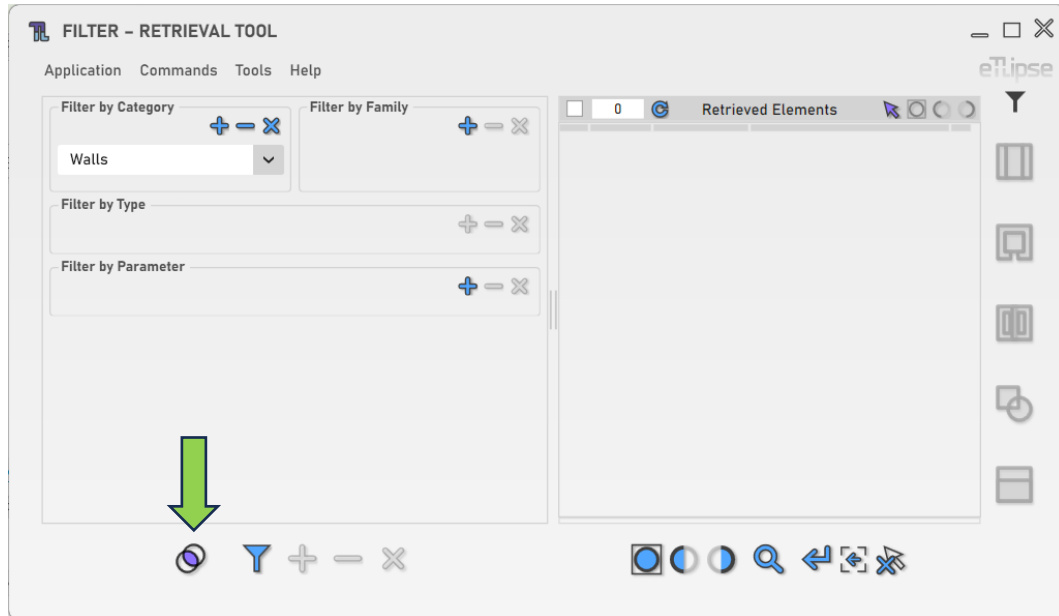
## Clearing the Elements List

In order to clear the list, you must click the “Clear Listed Elements” button.



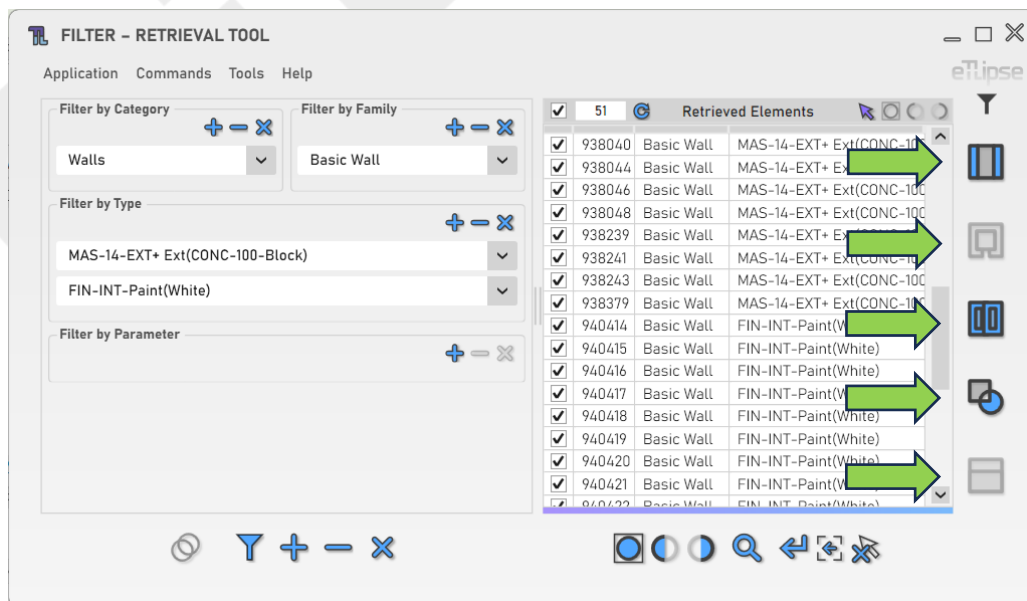
## Retrieval of Elements from Linked Models

You can click the “Toggle Allow Linked Models” to enable the possibility to list elements from linked projects in the Elements Retrieval List.



## Sending Retrieved Elements to Other Commands

You can send retrieved elements to other commands of the application (TL Finishes, TL Rooms, TL Frames, TL Solids or TL Parts) if the one or more listed elements match the required type for one of the lists of the destination command.



## Changing the Elements Sending Mode

You can determine whether the elements sent to other commands will override, be added or removed from the destination list. To set this behavior, you must choose an option at the “List Interaction Mode” dropdown box.

