



**LYSAGHT**

**LYSAGHT® METAL ROOF  
AND WALL PROFILES**  
REVIT FAMILY USER GUIDE

## MODEL DESCRIPTION AND PROPERTIES

Type Properties

Family: **Klip-Lok 406** 1

Type: **0.48mm\_BMT**

Type Parameters

Parameter	Value
<b>Constraints</b>	
Default Elevation	0.0
<b>Dimensions</b>	
Effective Width (mm)	406.0 2
Depth of Rib (mm)	41.0 3
Actual Width (mm)	434.0
<b>Identity Data</b>	
<b>Data</b>	
Total Coated Thickness (mm)	0.54 4
Tolerances (Width)	+4mm, -4mm 5
Tolerances (Length)	+0mm, -15mm
Tapered Availability	No
Steel Grade (N/mm <sup>2</sup> )	G550 6
Sprung Curve (mm)	-
Pre-Curve (mm)	-
Min. Roof Pitch (without end lap)	2° 7
Min. Roof Pitch (with end lap)	3°
Colour	
Base Metal Thickness (mm)	0.48 8
<b>Other</b>	

What do these properties do?

<< Preview OK Cancel Apply

### METAL CLADDING

1. Profile name.
2. Effective cover width of LYSAGHT® metal roof and wall profile.
3. Rib height of LYSAGHT® metal roof and wall profile.
4. Total Coated Thickness (TCT).
5. Maximum and minimum tolerance of profile.
6. Minimum yield strength of base steel.
7. Minimum slope requirement for LYSAGHT® metal roof and wall profile.
8. Base Metal Thickness (BMT).

Type Properties

Family: **STC 51\_Klip-Lok 406\_Spandek** 1

Type: **STC 51\_Klip-Lok 406**

Type Parameters

Parameter	Value
<b>Constraints</b>	
Default Elevation	0.0
<b>Graphics</b>	
STC 51_Klip-Lok 406	<input checked="" type="checkbox"/>
Cement Board/Plywood	n/a
Substrate 1	n/a
Substrate 2	Spandek (BMT 0.42mm) 2
Aluminium Foil	Double Sided
Wire Mesh	Ausmesh
<b>Materials and Finishes</b>	
Finish	Colorbond® Titan Blue ULTRA 3
<b>Dimensions</b>	
Effective Width (mm)	406.0 4
Depth of Rib (mm)	41.0 5
<b>Identity Data</b>	
<b>Data</b>	
Tapered Availability	No
Steel Grade (N/mm <sup>2</sup> )	G550 6
Pre-Curve (mm)	No
Min. Roof Pitch (without end lap)	2° 7
Min. Roof Pitch (with end lap)	3°
<b>Other</b>	

What do these properties do?

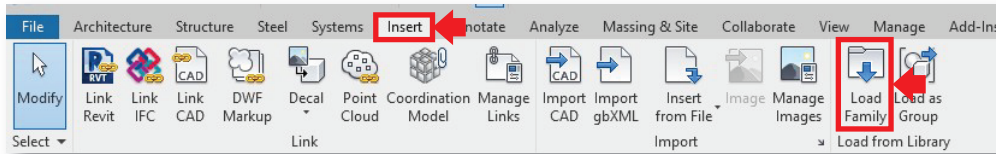
<< Preview OK Cancel Apply

### ROOF SYSTEM

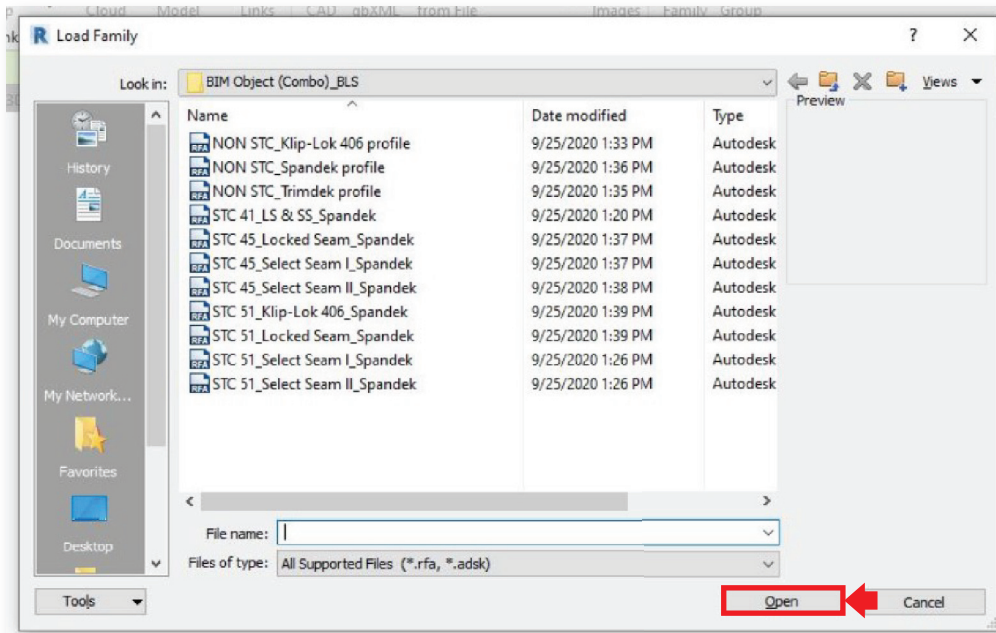
1. Type of insulated roof system.
2. LYSAGHT® metal roof and wall system built up.
3. Colors of COLORBOND® steel.
4. Effective cover width of LYSAGHT® metal roof and wall profile.
5. Rib height of LYSAGHT® metal roof and wall profile.
6. Minimum yield strength of base steel.
7. Minimum slope requirement for LYSAGHT® metal roof and wall profile.

# HOW TO USE: STEP BY STEP GUIDE

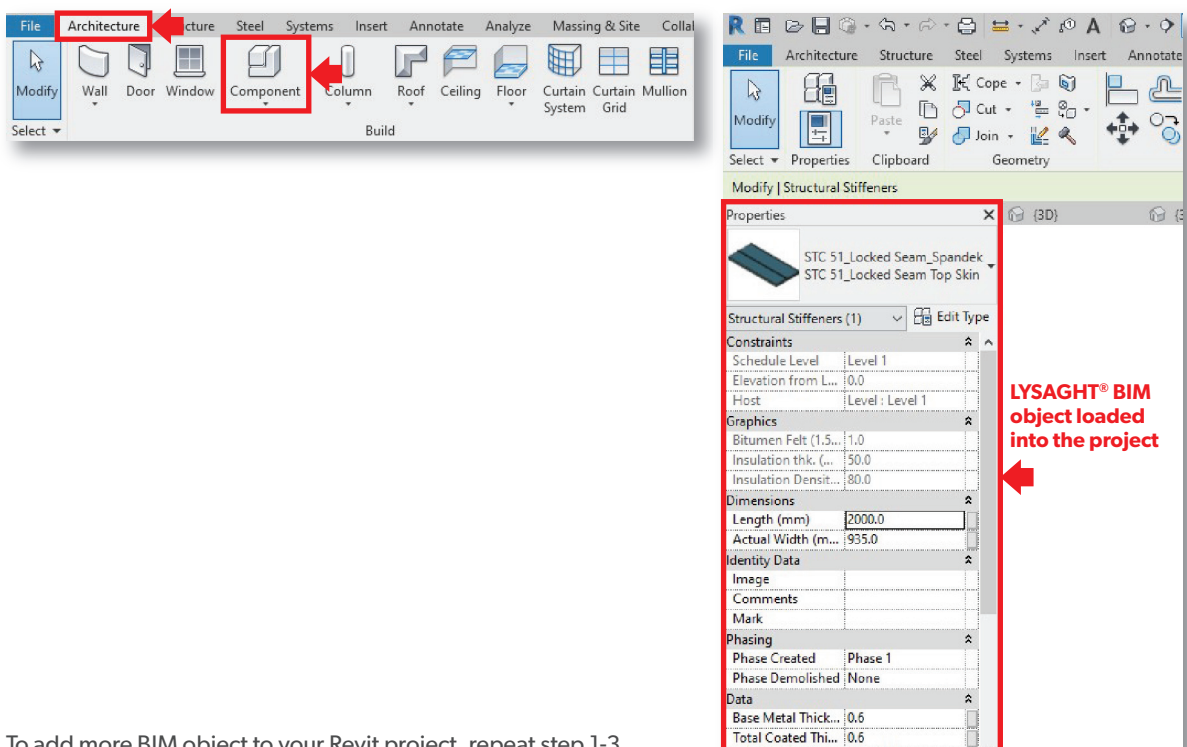
- STEP 1** Open the target Revit project (that is, the project in which you want to insert the BIM object), select **Insert** tab and click on **Load Family**.



- STEP 2** Navigate to your BIM Object file folder, select one or multiple and open.



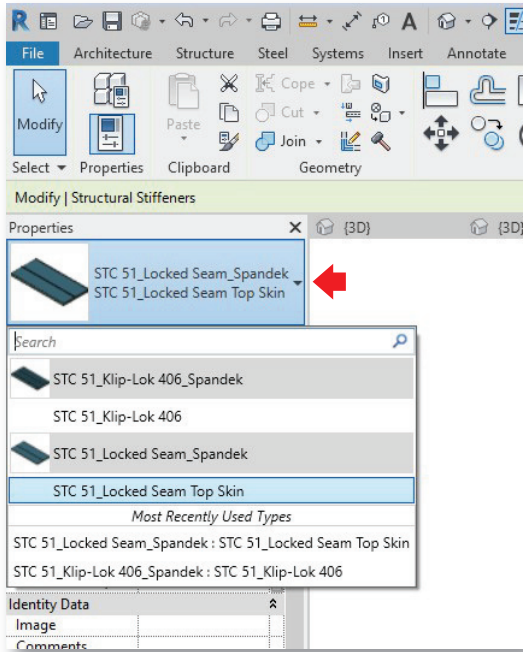
- STEP 3** Select the **Architecture** tab and click on **Component** and you shall see the selected BIM object is loaded into the current project and ready to be applied.



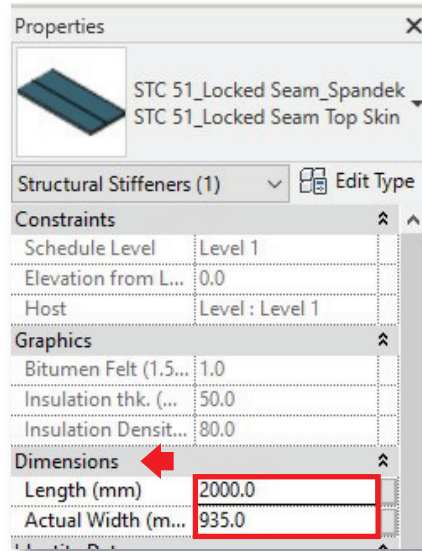
To add more BIM object to your Revit project, repeat step 1-3.

## STEP 4 How to edit LYSAGHT® BIM Object's parameter?

4.1. To switch profile, go to **Properties**, click on the drop-down arrow and select the desired profile.

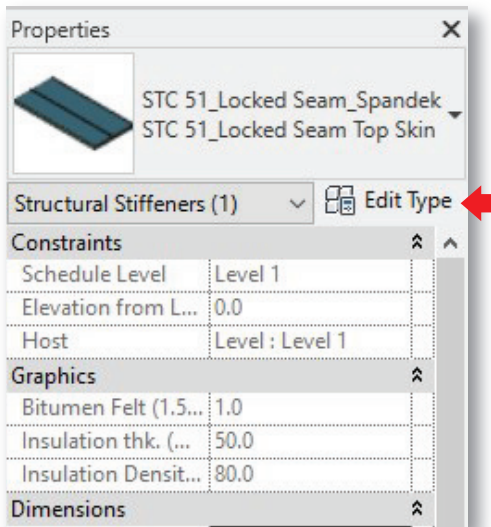


4.2. To edit profile's dimension, go to **Dimension**. In the edit box, type a new value for the dimension.

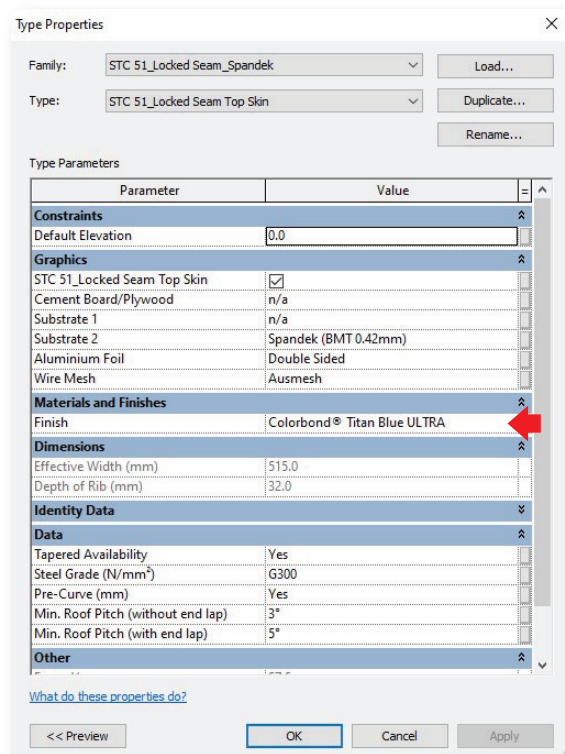


4.3. To change the profile's color:

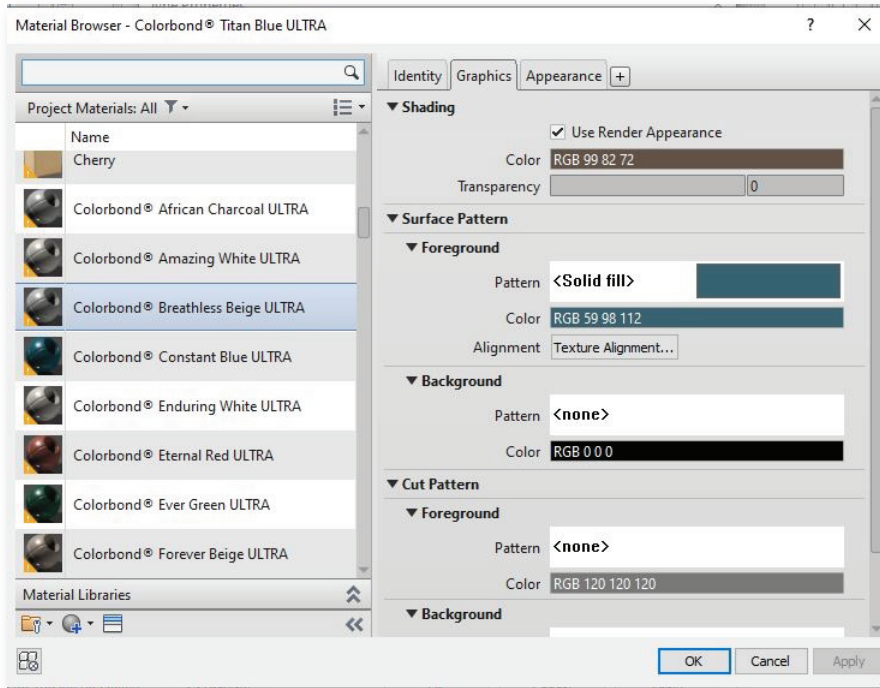
4.3.1. On the Properties palette, click **Edit Type**



4.3.2. Select **Materials and Finishes**



4.3.3. Select and change the color of the profile as needed.





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