LYSAGHT

LYSAGHT® METAL ROOF AND WALL PROFILES

REVIT FAMILY USER GUIDE

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: Klip-Lok 406 **①**   Load...
Type: 0.48mm_BMT   Duplicate...
    Rename...

Type Parameters

Parameter	Value	
Constraints		
Default Elevation	0.0	
Dimensions		
Effective Width (mm)	406.0	**②**
Depth of Rib (mm)	41.0	**③**
Actual Width (mm)	434.0	
Identity Data		
Data		
Total Coated Thickness (mm)	0.54	**④**
Tolerances (Width)	+4mm, -4mm	**⑤**
Tolerances (Length)	+0mm, -15mm	
Tapered Availability	No	
Steel Grade (N/mm²)	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**
Other		

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.

Type Properties

Family: STC 51_Klip-Lok 406_Spandek **①**   Load...
Type: STC 51_Klip-Lok 406   Duplicate...
    Rename...

Type Parameters

Parameter	Value	
Constraints		
Default Elevation	0.0	
Graphics		
STC 51_Klip-Lok 406	☑	
Cement Board/Plywood	n/a	
Substrate 1	n/a	
Substrate 2	Spandek (BMT 0.42mm)	**②**
Aluminium Foil	Double Sided	
Wire Mesh	Ausmesh	
Materials and Finishes		
Finish	Colorbond® Titan Blue ULTRA	**③**
Dimensions		
Effective Width (mm)	406.0	**④**
Depth of Rib (mm)	41.0	**⑤**
Identity Data		
Data		
Tapered Availability	No	
Steel Grade (N/mm²)	G550	**⑥**
Pre-Curve (mm)	No	
Min. Roof Pitch (without end lap)	2°	**⑦**
Min. Roof Pitch (with end lap)	3°	
Other		

What do these properties do?

<< Preview   OK   Cancel   Apply

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**.
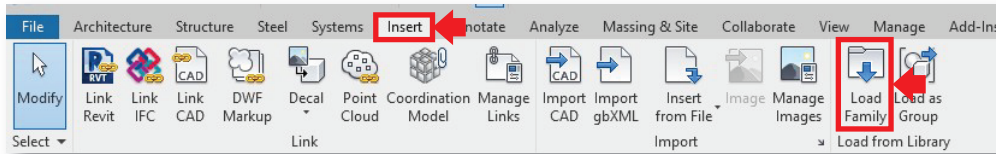
**STEP 2** Navigate to your BIM Object file folder, select one or multiple and open.
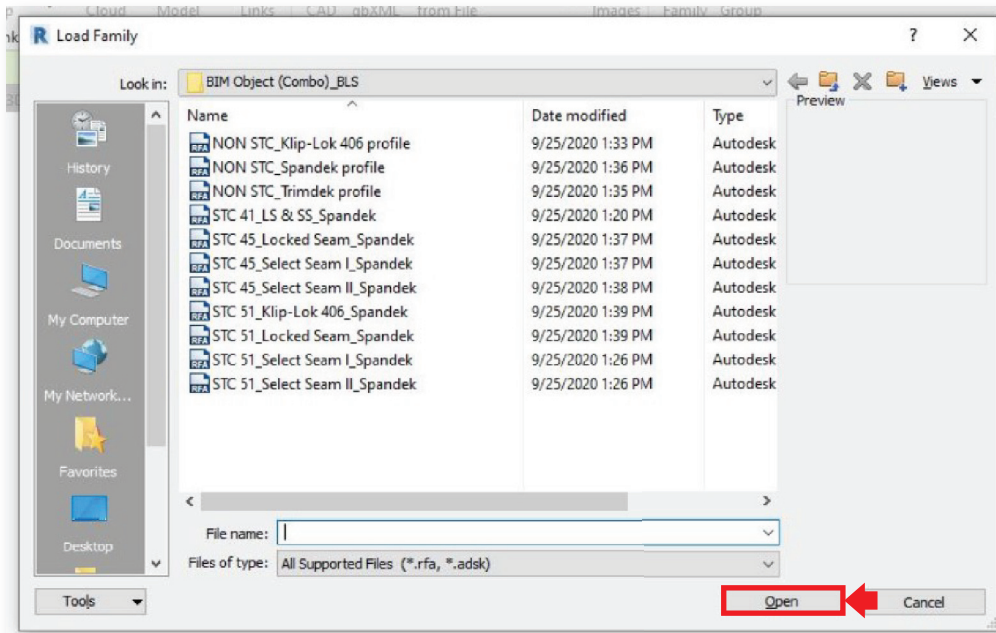
STEP 3 Select the **Architecture** tab and click on **Component** and you shall see the selected BIM object is loaded into the current project and ready to be applied.
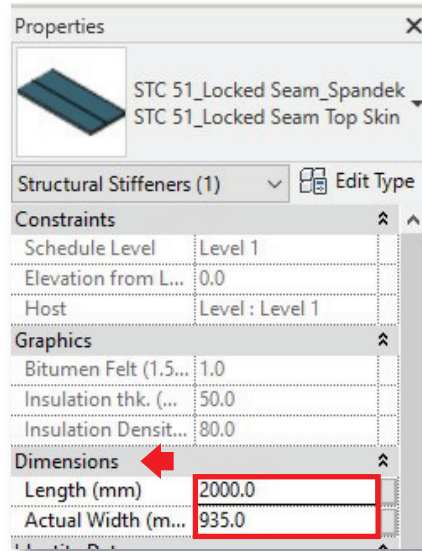

LYSAGHT® BIM object loaded into the project
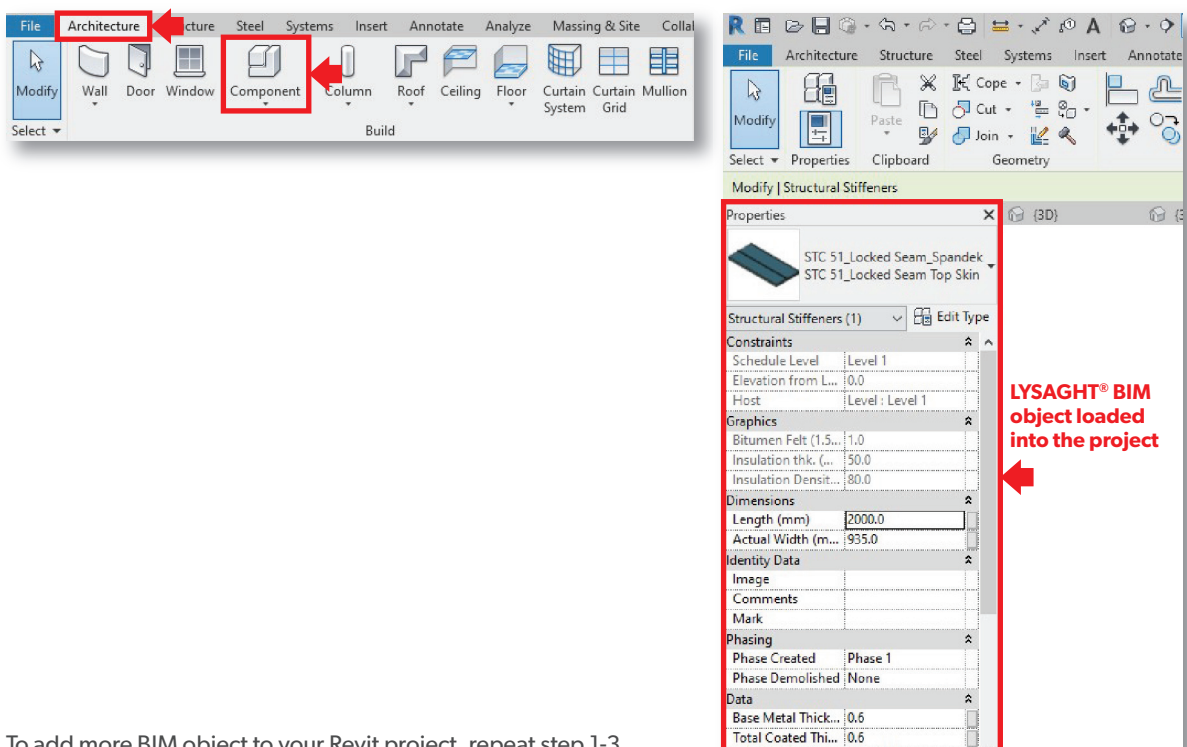
To add more BIM object to your Revit project, repeat step 1-3.

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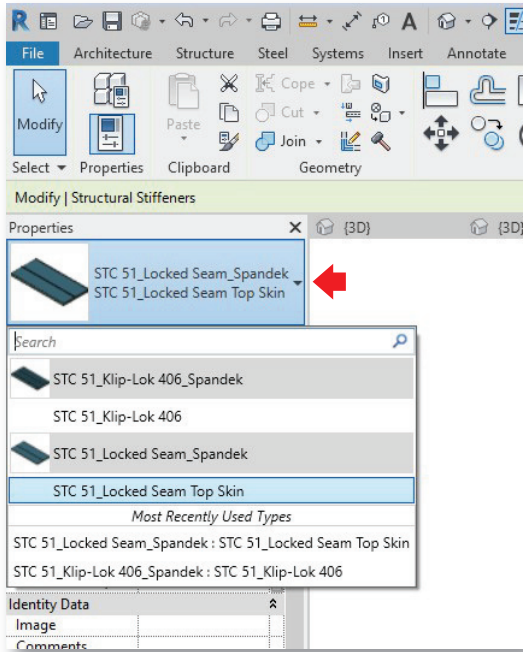
4.2. To edit profile's dimension, go to **Dimension**. In the edit box, type a new value for the dimension.

4.3. To change the profile's color:

4.3.1. On the Properties palette, click **Edit Type**
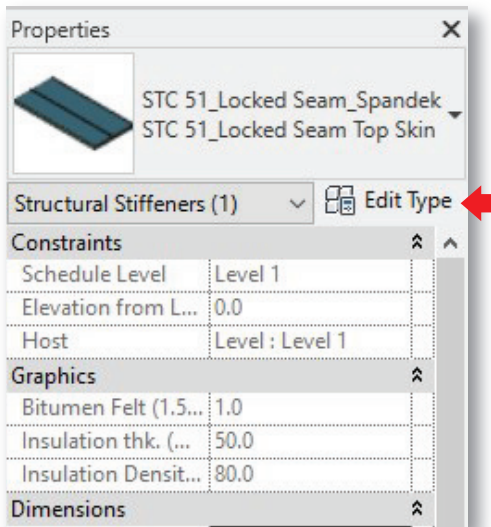
4.3.2. Select **Materials and Finishes**
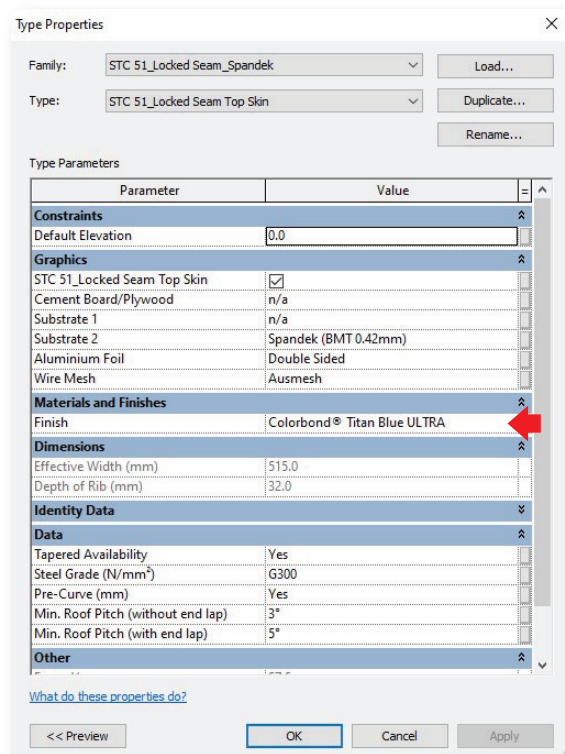
4.3.3. Select and change the color of the profile as needed.

BLUESCOPE LYSAGHT