













USER GUIDE



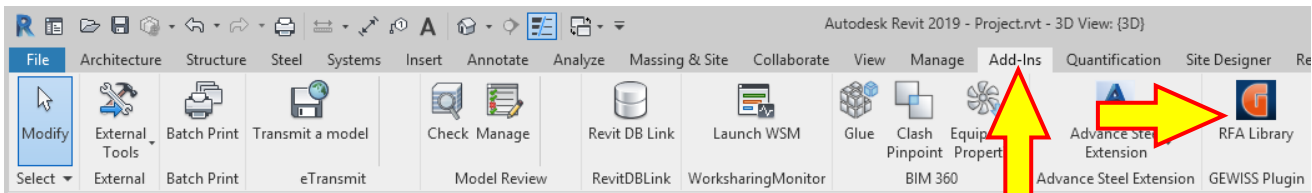
Plugin with GEWISS products
for the design software REVIT®

INDEX:

10 - 	Main functions	3
100 -	Menu	4
1000 - 	SECTIONS Menu	5
1001 - 	Catalogue	5
1002 - 	Composition	6
1100 - 	REVIT Menu	7
1101 - 	Import to Revit	7
1103 - 	Export RFA file	7
1200 - 	HELP Menu	8
1201 - 	Settings	8
1202 - 	Help	8
1204 - 	8
200 -	RFA Families	9
20 - 	Update with GWSINC	13

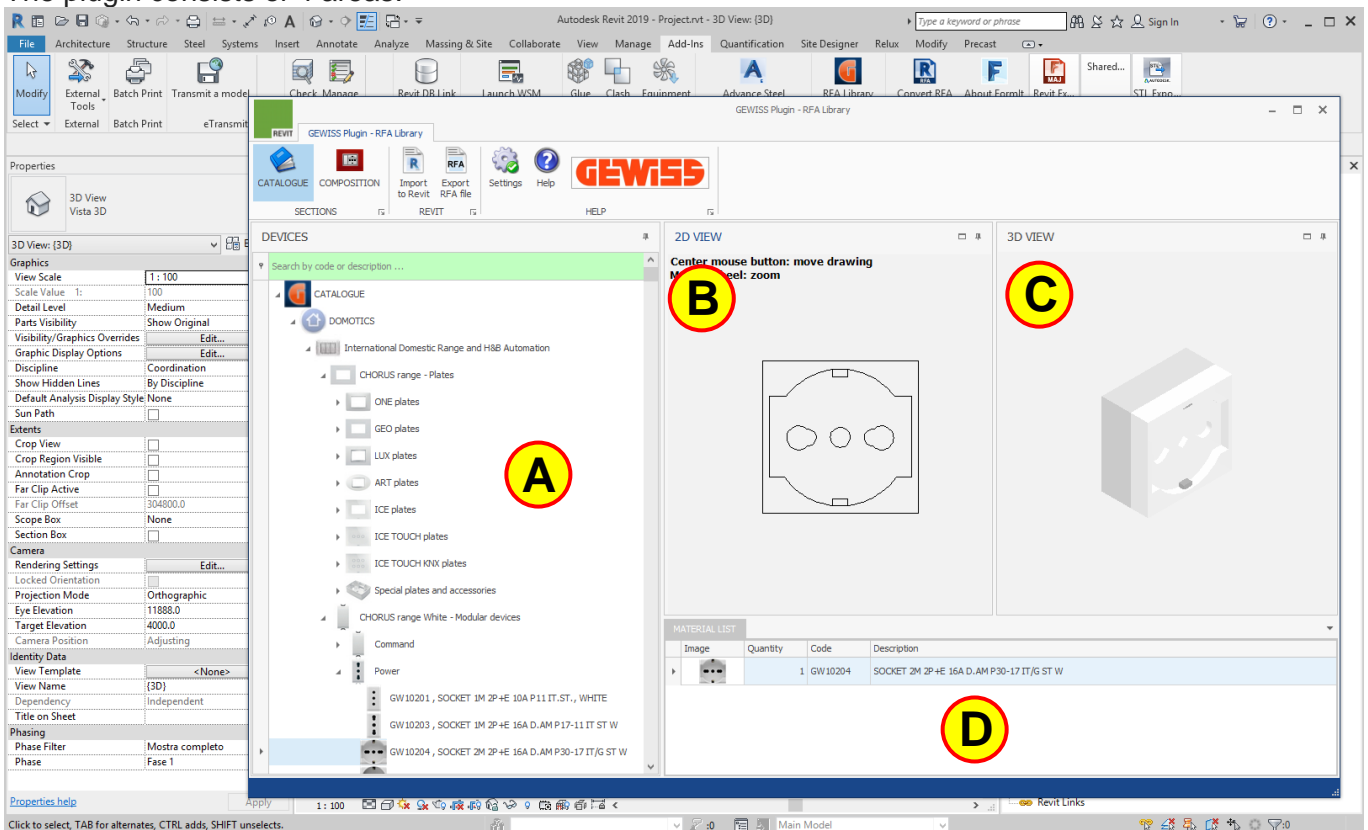
10 - Main functions

The Revit® plugin provided by GEWISS contains the families in RFA format of the products in the catalogue, the plugin start-up icon is automatically placed in the "Add-Ins" menu of Revit® from 2016 version:



By the icon is possible to open the plugin as an independent window where you can search for the GEWISS products and insert them in the currently open Revit® design or save them locally on the PC.

The plugin consists of 4 areas:



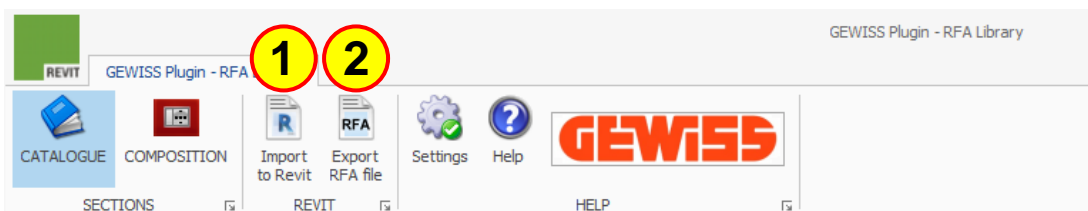
A Catalogue tree

B 2D view

C 3D view

D Material list

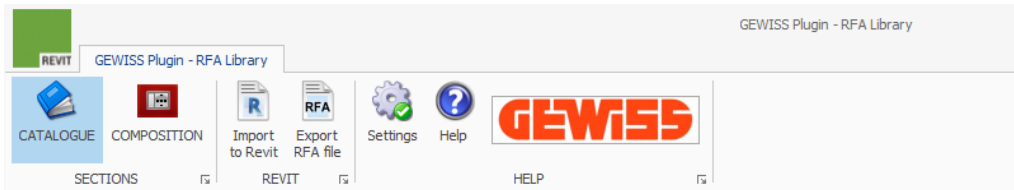
Selecting the product **A** is possible to see: 2D shape **B**, 3D model **C** and the material list **D**. To use the selected product in a Revit® project is possible to use the "REVIT" menu with which you can insert the RFA families directly into the active project **1** or save them on the PC **2**.



100 - Menu

The plugin uses a Microsoft menu-style formed by three bars that contain various commands based on the active section:

CATALOGUE section



COMPOSITION section



The three bars are:



SECTIONS Menu

It contains the commands to move in the various plugin sections



REVIT Menu

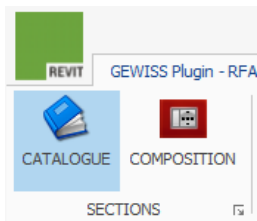
It contains the commands inserting in Revit® or exporting on the PC the RFA file



HELP Menu

It contains the commands to open the user guide or the settings window

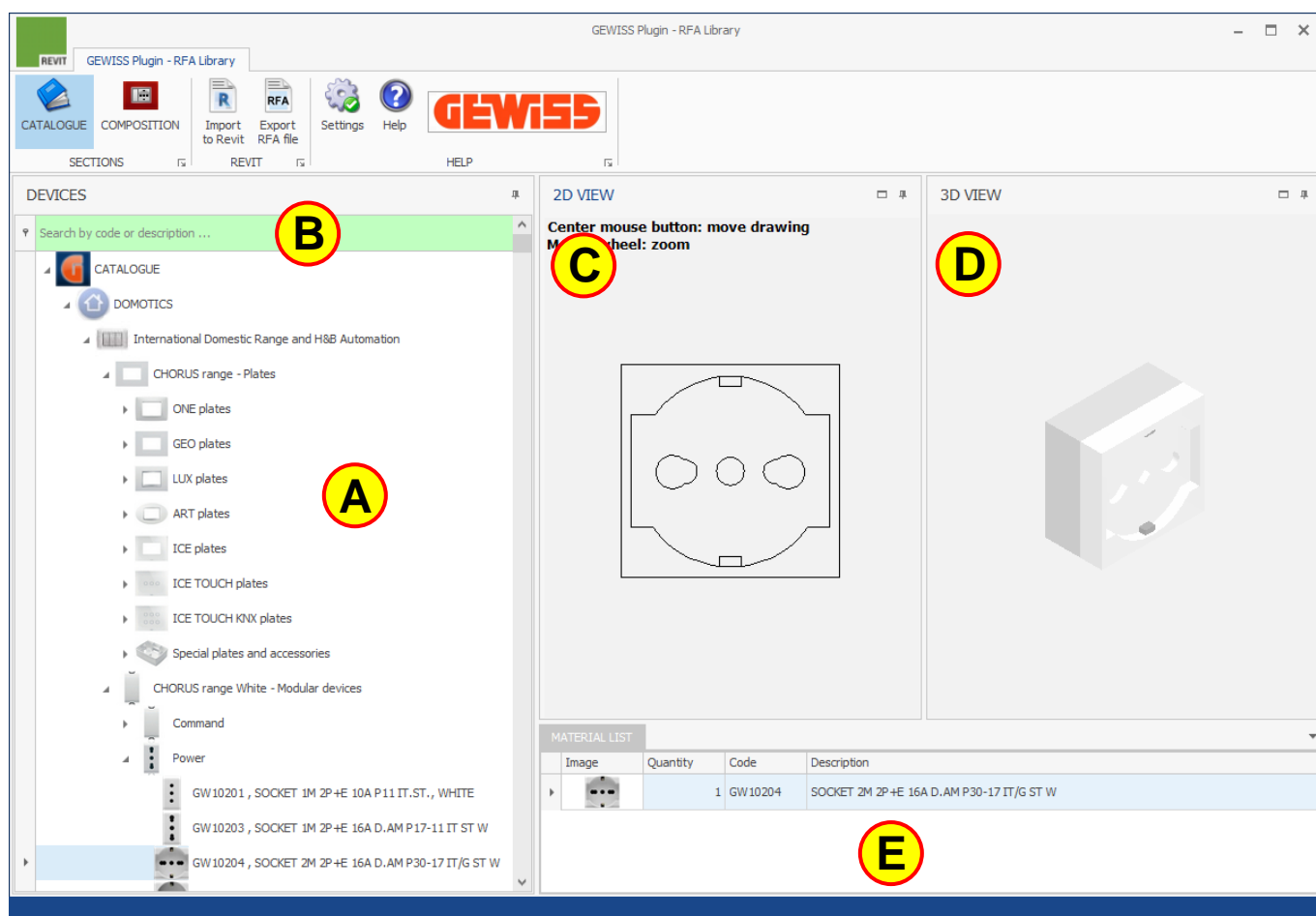
1000 - SECTIONS Menu



1001 - Catalogue

In the CATALOGUE section is possible to search the products by browsing in the catalogue tree **A** or by entering the code or the description in the search field **B**.

Selecting the product is possible to see: 2D shape **C**, 3D model **D** and the material list **E**, in the next time, you can insert the RFA family in the Revit® project or save it on the PC.



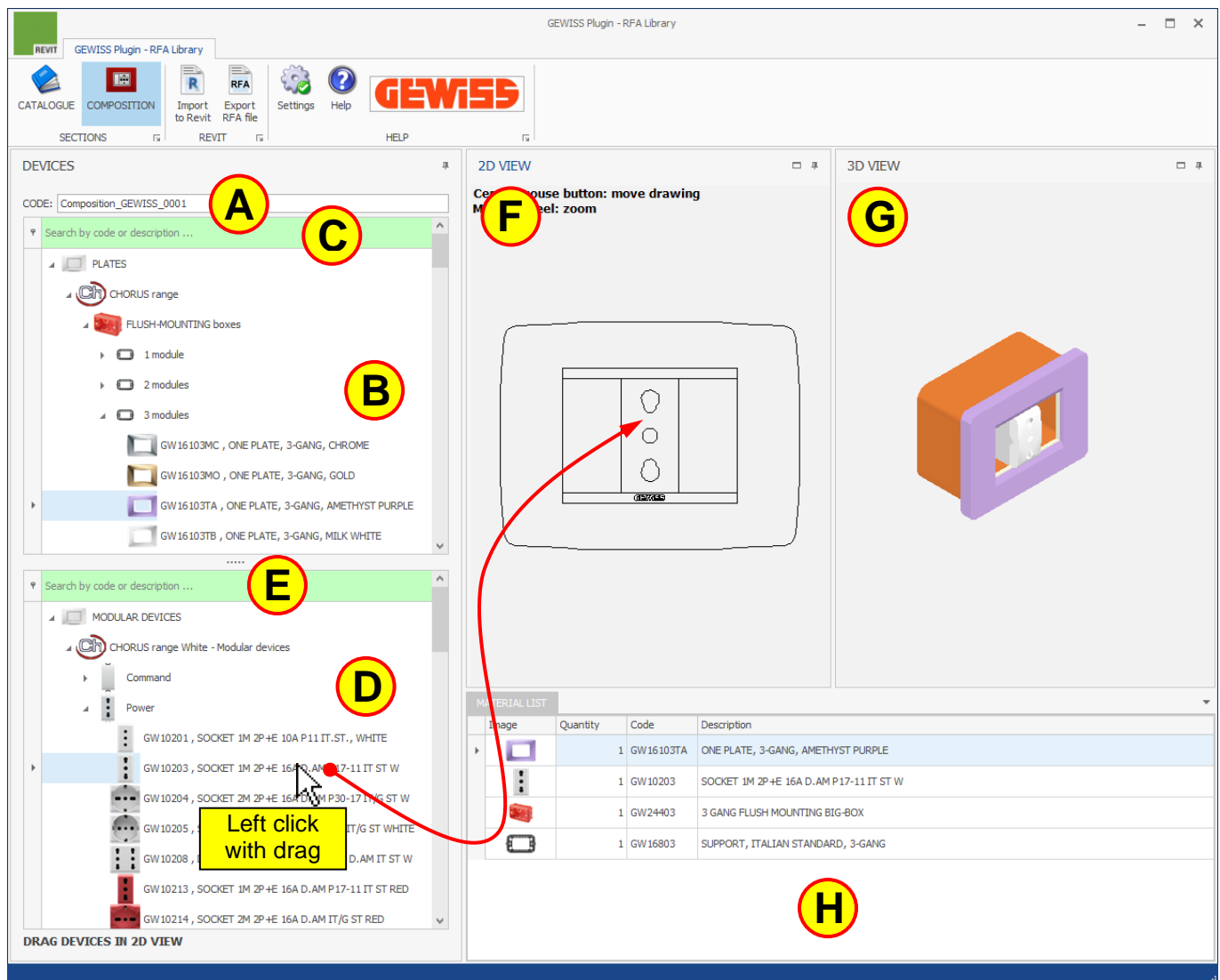
1002 - Composition

In the COMPOSITION section is possible to create compositions or group of products, for example: plate + modular devices or enclosures + modular DIN devices.

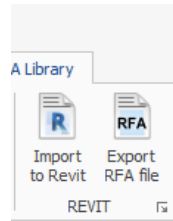
First of all is possible to customize the composition code **A** in this way the RFA family will be saved or inserted in a Revit® project with the code set by the user, then is possible to select the container by the selection tree **B**, or by the search field **C**, where the user can insert the container code or the description.

After choosing the container is possible to search the modular devices by the selection tree **D**, or by the search field **E**; The insertion is carried out by dragging the modular devices into the 2D VIEW **F**, in this area the devices added previously can be also moved or deleted (by mouse dragging).

Once the composition has been created, it will be possible to view: 2D shape **F**, 3D model **G** and the material list **H** in this way the RFA composition can be inserted in a Revit® project or it can be saved on the PC.



1100 - REVIT Menu



1101 - Import to Revit

Using this command is possible to insert the selected product directly into the Revit® project.

1102 - Export the RFA file

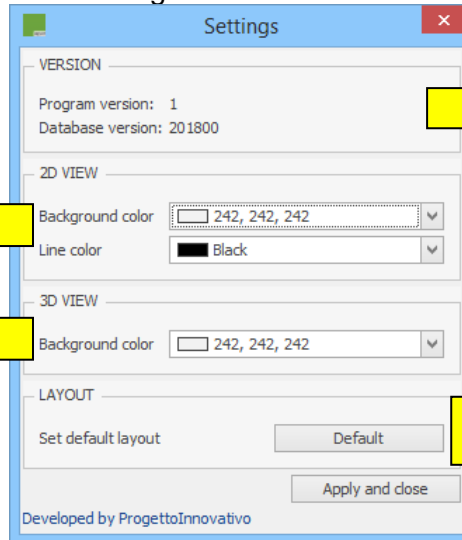
Using this command is possible to export, on the PC, the RFA family of the selected product.

1200 - HELP Menu



1201 - Settings

With this command is possible to open the settings window:



Plugin and database information

Set the graphic option for the 2D VIEW

Set the graphic option for the 3D VIEW

Restore the default position for the various section

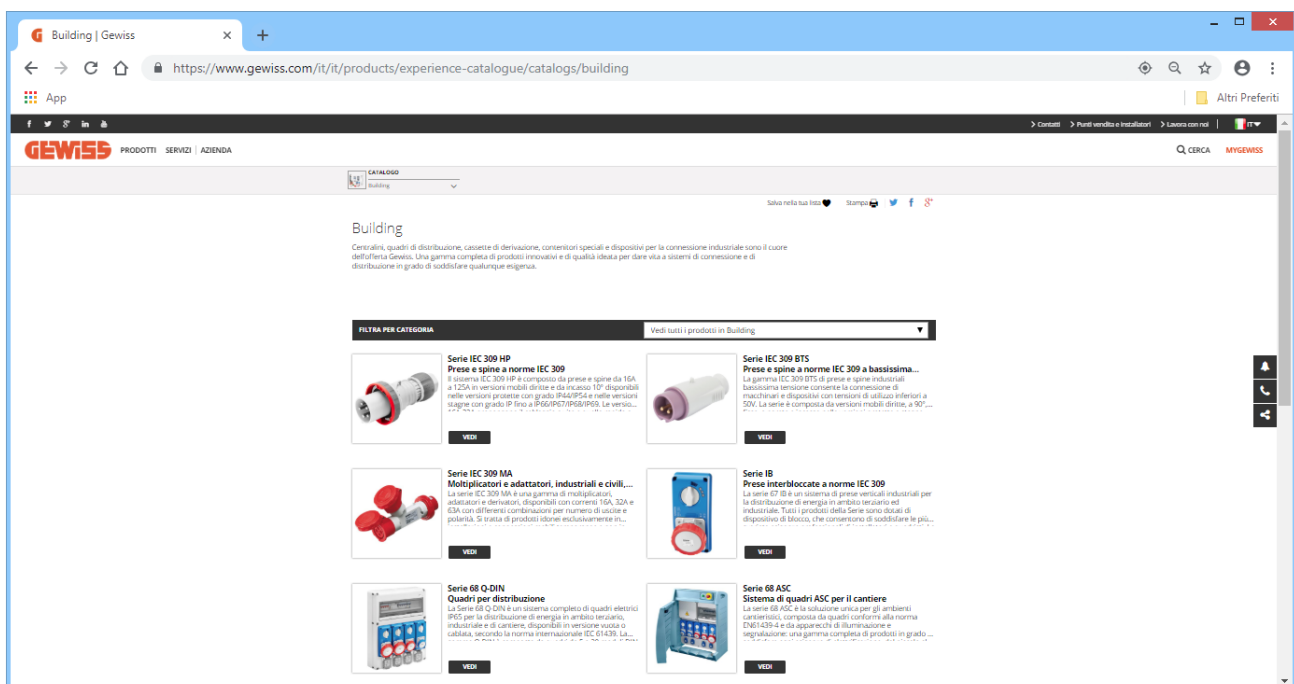
1202 - Help

This command opens the user guide in PDF format.

1203 - **GEWISS**

This command opens the GEWISS website for the professionals of electrical sector:

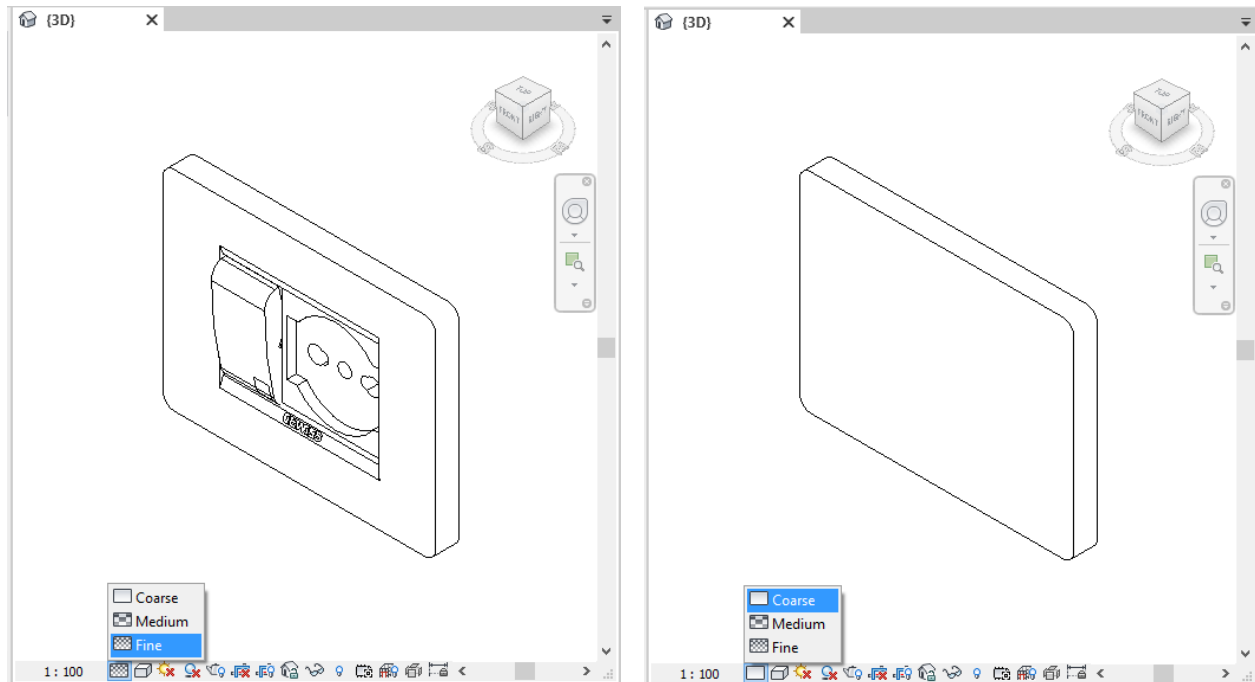
<http://www.gewiss.com/>



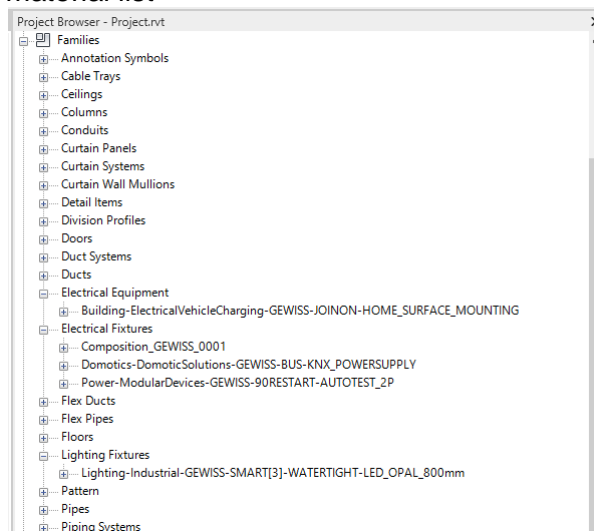
200 - RFA Families

The RFA families created by GEWISS, and the compositions created by the plugin have the following characteristics:

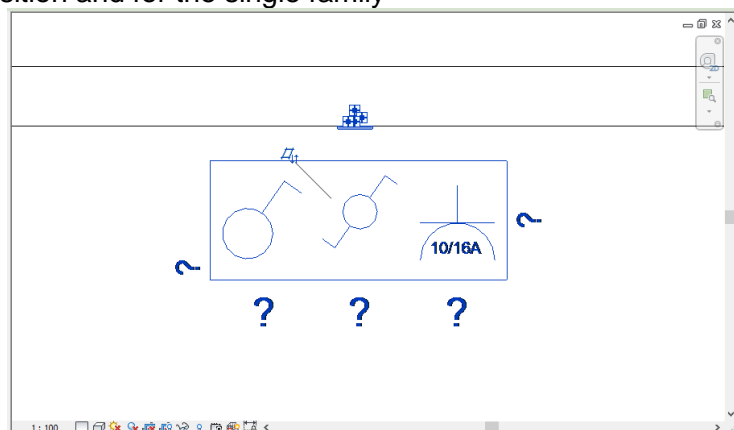
- Level of detail customizable in Revit®



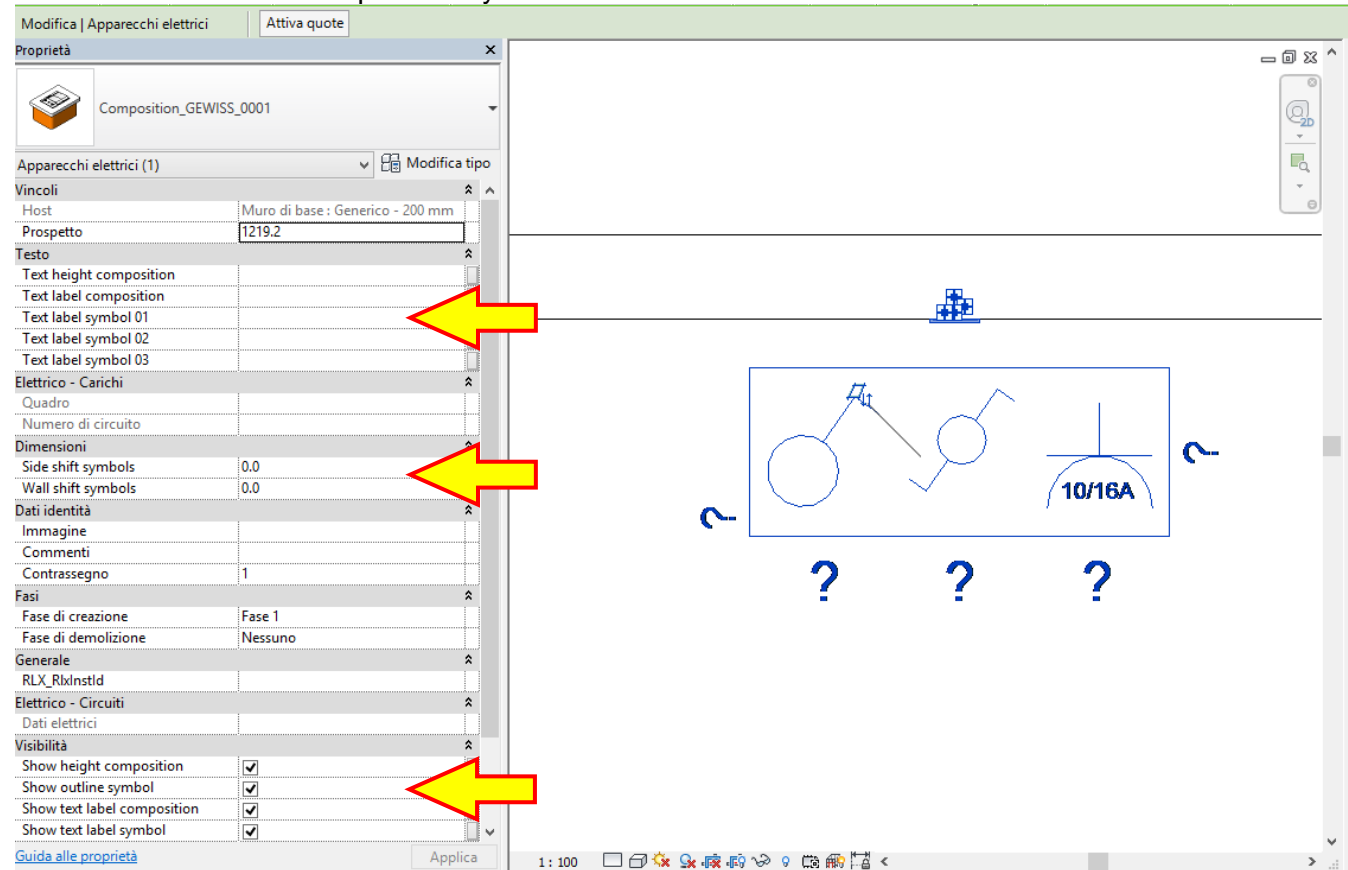
- Positioning in the categories "Electrical Fixtures" or "Lighting Fixtures" or "Electrical equipment" to facilitate the creation of the material list



- Symbol for the composition and for the single family

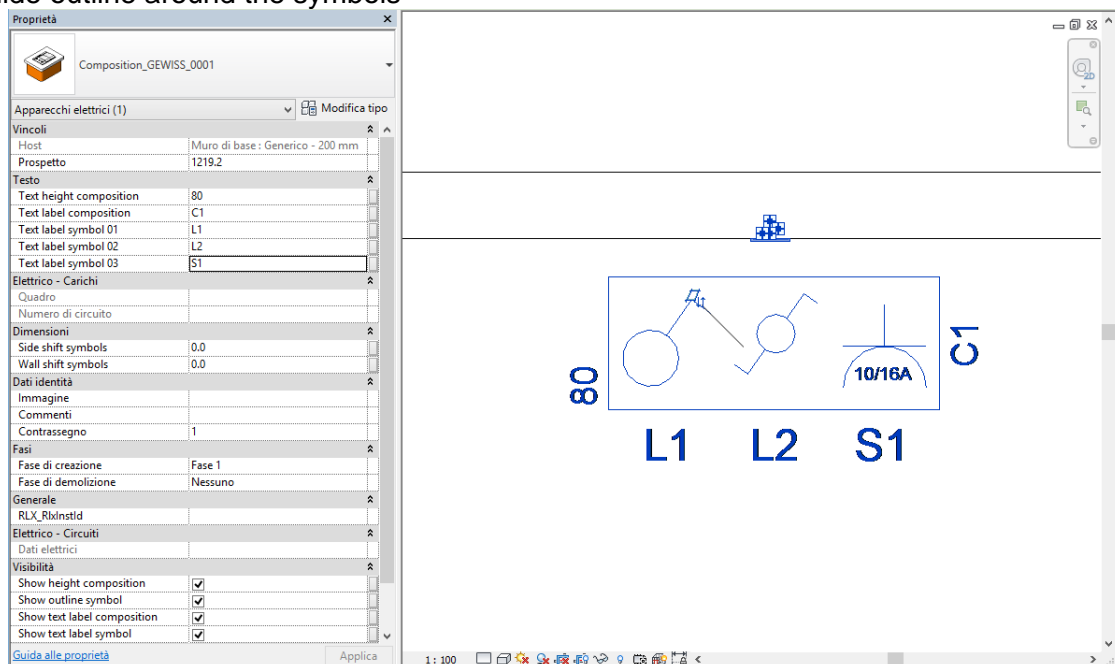


- Customization of the composition symbols

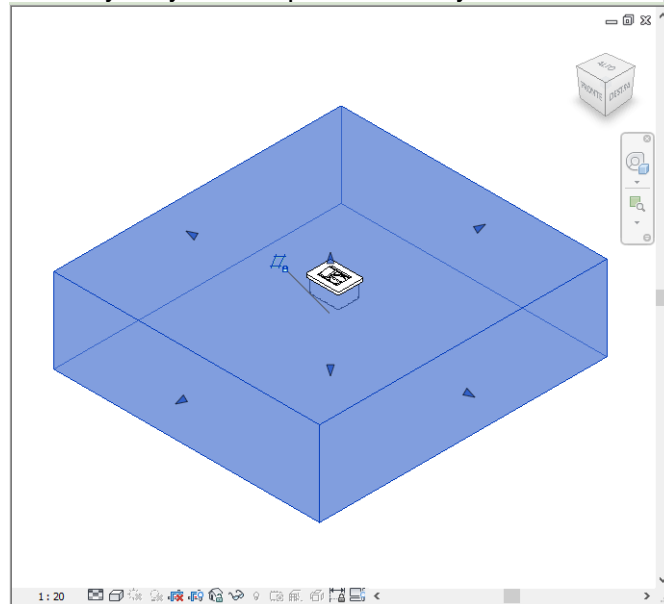


For each composition symbols it is possible to define:

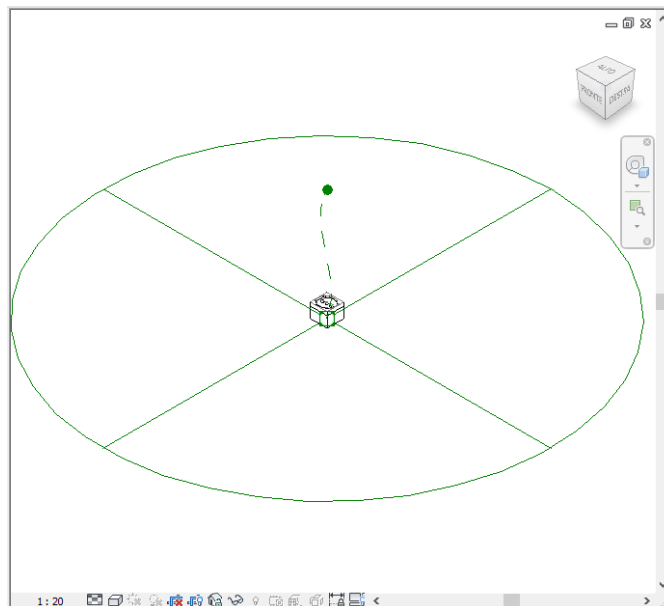
- Text height composition
- Text label composition
- Text label symbols
- Horizontal position
- Position from the wall
- Show/hide text height composition
- Show/hide text label composition
- Show/hide text label symbols
- Show/hide outline around the symbols



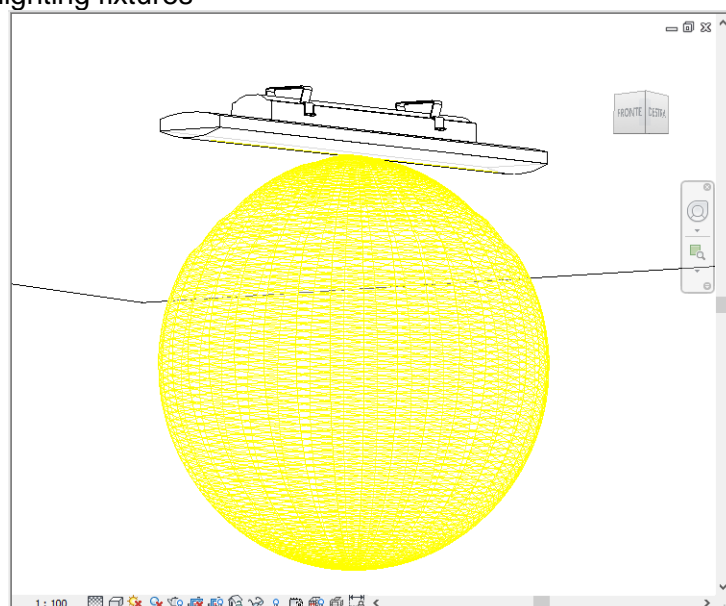
- Surface-based models in this way they can be placed on any surface in the project



- Electrical connectors



- Photometric curve for lighting fixtures



- Complete data set can be customized by the user

Family Types

Type name: GWS3118P57K - 36 LED 15W 5700K

Search parameters

Parameter	Value	Formula	Lock
Constraints			
Spostamento_X_etichetta (default)	0.0	=	<input type="checkbox"/>
Spostamento_Y_etichetta (default)	0.0	=	<input type="checkbox"/>
Spostamento_X_effettivo_etichetta (default)	1500.0	= 1500 mm - Spostamento_X_etichetta	<input type="checkbox"/>
Spostamento_Y_effettivo_etichetta (default)	1500.0	= 1500 mm - Spostamento_Y_etichetta	<input type="checkbox"/>
Default Elevation	1219.2	=	<input checked="" type="checkbox"/>
Materials and Finishes			
Ganci	GEWISS - ALLUMINIO	=	
Schermo	Gewiss - Led Acceso	=	
Struttura	GEWISS - SMART 3 - GRIGIO	=	
Electrical			
Insulation class	II	=	
Lamp	LED	=	
Wattage Comments		=	
Electrical - Lighting			
Calculate Coefficient of Utilization (default)	<input checked="" type="checkbox"/>	=	
Coefficient of Utilization (default)		=	
Colour temperature	5700 K (CRI 80)	=	
Driver type	EVG electronic reactor	=	
LED Life time (L70)	80000H	=	
Lumen output (lm)	1540	=	
No. LED (#)	36	=	
Nominal flux (lm)	2000	=	
Type of light source	LED - Not replaceable	=	
Electrical - Loads			
Apparent Load		=	
Efficiency class of integrated LEDs	A + A++	=	
System power	15W	=	
Dimensions			
Length	800 mm	=	
Lunghezza Lampada	800.0	= 800 mm	<input checked="" type="checkbox"/>
IFC Parameters			
COBie.Component.BarCode		=	
COBie.Component.Description		=	
COBie.Component.InstallationDate		=	
COBie.Component.SerialNumber		=	
COBie.Component.Space		=	
COBie.Component.TagNumber		=	
COBie.Component.RegisterItemID		=	
COBie.CreateBy		=	
COBie.CreatedOn		=	
COBie.Tagnumber		=	
IFC.ExportAs		=	
IFC.ExportType		=	
IFC.TypeObject		=	
Photometrics			
Tilt Angle	-90.00°	=	<input type="checkbox"/>
Initial Color	5700 K	=	
Emit from Line Length	700.0	=	<input type="checkbox"/>
Light Loss Factor	1	=	
Photometric Web File	GWS3118P57K-CL11815-36I-MOD.IES	=	
Color Filter	White	=	
Initial Intensity	1540.00 lm	=	
Dimming Lamp Color Temperature Shift	<None>	=	
Electrical - Circuiting			
IP degree	IP66/IP69	=	
Voltage	220/240 V - 50/60 Hz - Stand alone	=	
Data			
Application	Internal	=	
Device with reduced surface temperature	Complying	=	
Glow Wire Test	850°C	=	
Shock resistance	IK08	=	
Warranty	Can be extended for up to 5 years	=	
Working temperature	-25 + 50 °C	=	
Visibility			
Stampa 1_100	<input checked="" type="checkbox"/>	= not(Stampa 1_200)	
Stampa 1_200	<input type="checkbox"/>	=	
visibilita etichetta (default)	<input checked="" type="checkbox"/>	=	
Other			
GW - Tipologia	Stand alone	=	
Identity Data			
Catalogue	LIGHTING	=	
Catalogue Range	SMART[3]	=	
EAN code	8011564872370	=	
Electrocod	2434	=	
IDF	5363c11e-06af-4c99-aa95-f3ab34ce26f2	=	
IDT	e2731bb4-162c-483d-92f2-6ef734ca1949	=	
Type Image	GWS3118P.jpg	=	
Keynote		=	
Model	GWS3118P57K	=	
Manufacturer	GEWISS S.p.A.	=	
Type Comments		=	
Realized by GEWISS S.p.A.		=	
Technical sheet	https://www.gewiss.com/ww/en/search?q=GWS3118	=	
URL	https://www.gewiss.com/ww/en	=	
Description	SMART3 800 36LED OPALE 57K	=	
Assembly Code		=	
Cost		=	
Version file RFA	18.0	=	

How do I manage family types?

Manage Lookup Tables

OK Cancel Apply

20 - Update with GWSINC



GWSINC is a simple program that permits to update automatically all the GEWISS Software and the only requirement is an Internet connection.

GWSINC can recognize if the GEWISS programs installed on your PC are updated or not. Any update happens simultaneously for all programs with this check mark ☒.



The background color of each software in the list can be of 3 colors:

- ☐ White color: The software is installed and updated
- ☐ Yellow color: The software is installed but not updated
- ☐ Gray color: The software is not installed on your PC