



BIM by AGC

Glass Add-On for Autodesk Revit 2016



BIM PROJECT

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1. Description

Add-on BIM by AGC from AGC Glass is an add-on for Revit defined by the range of the manufacturer. The catalogue is downloadable as whole package. Warranty is provided only for this whole package.

Add-on is designed as a graphic interface which allows to select and then make glazing solutions for curtain walls and windows. All these objects contain real technical information for products to ease the work of architects and civil engineers during the work on a project.

Add-on is free and compatible with Revit versions 2016, 2017 and 2018.



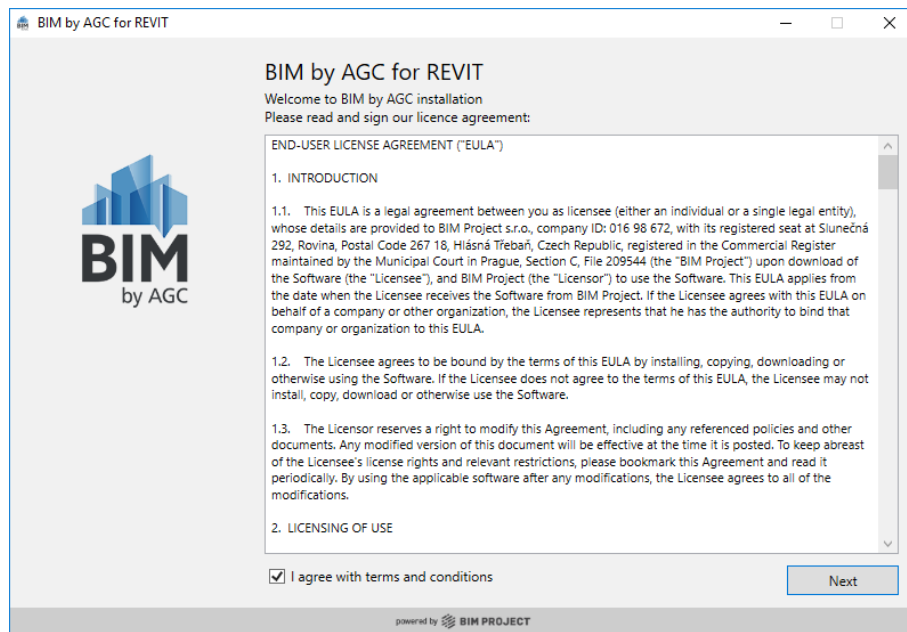
2. Catalogue components

All parts of the catalogue are installed into add-on installation folder of ARCHICAD. Installer contains add-on and manual.

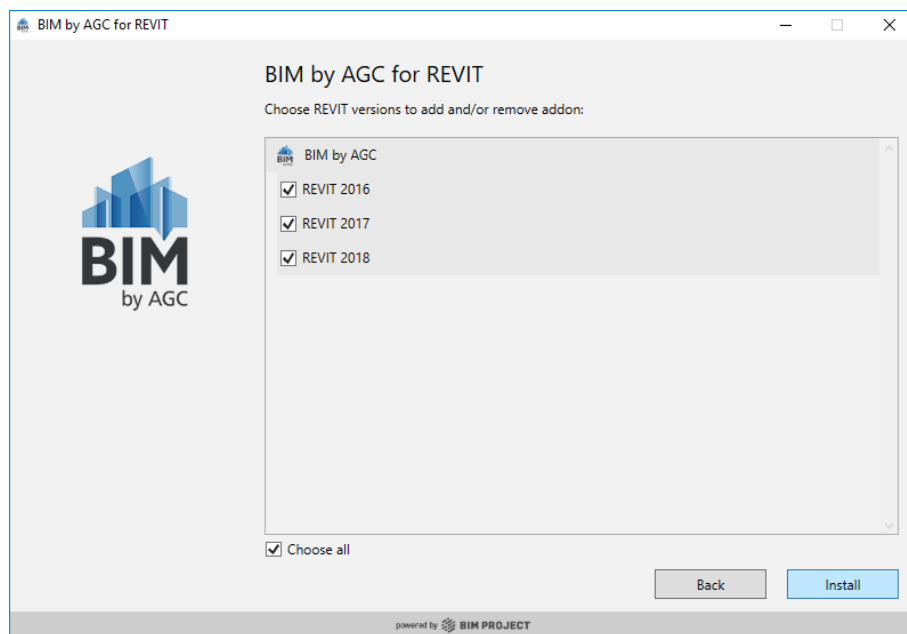
3. Add-On installation for Windows users

Running AGC.RA.1.5.1.20171117.exe starts an installation, installation guide will get you through the process. Before install close all running ARCHICAD instance.

1) In order to use the Add-On, you have to agree with developer's license terms and click on "Next" button.

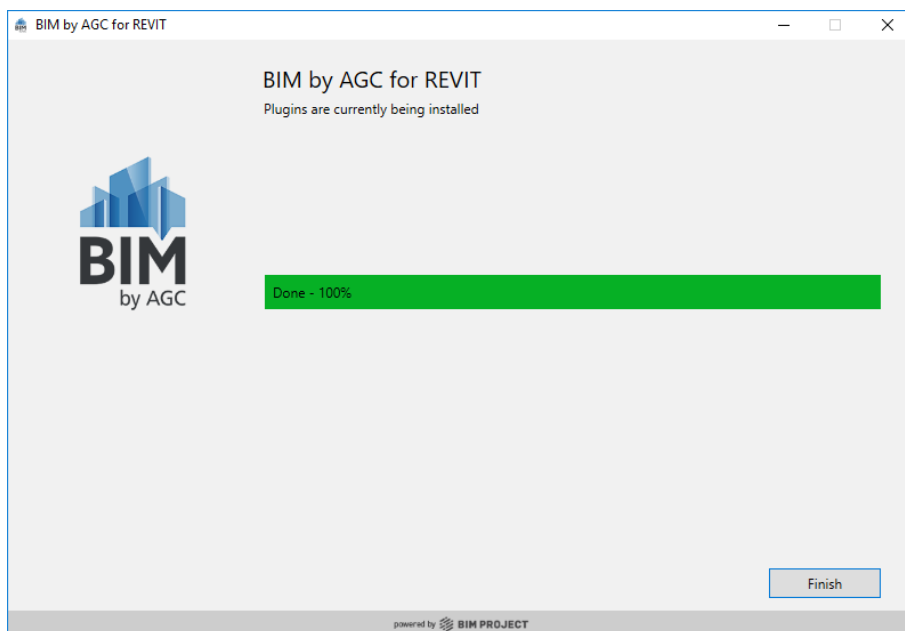


2) Select version of REVIT where you want install Add-on

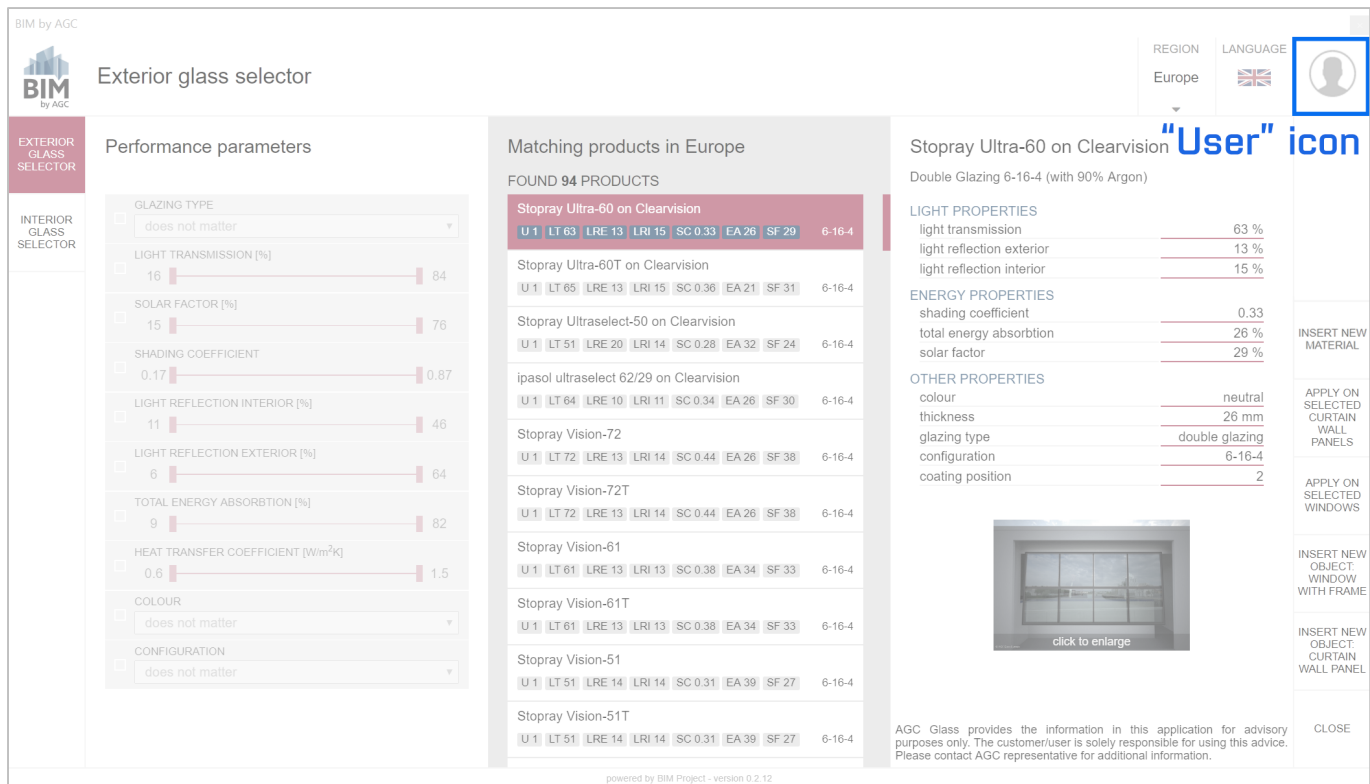




3) Click on "Finish" button



4. Log in and registration



Exterior glass selector

Performance parameters

- GLAZING TYPE: does not matter
- LIGHT TRANSMISSION [%]: 16 to 84
- SOLAR FACTOR [%]: 15 to 76
- SHADING COEFFICIENT: 0.17 to 0.87
- LIGHT REFLECTION INTERIOR [%]: 11 to 46
- LIGHT REFLECTION EXTERIOR [%]: 6 to 64
- TOTAL ENERGY ABSORPTION [%]: 9 to 82
- HEAT TRANSFER COEFFICIENT [W/m²K]: 0.6 to 1.5
- COLOUR: does not matter
- CONFIGURATION: does not matter

Matching products in Europe

FOUND 94 PRODUCTS

- Stopray Ultra-60 on Clearvision: U 1 | LT 63 | LRE 13 | LRI 15 | SC 0.33 | EA 26 | SF 29 | 6-16-4
- Stopray Ultra-60T on Clearvision: U 1 | LT 65 | LRE 13 | LRI 15 | SC 0.36 | EA 21 | SF 31 | 6-16-4
- Stopray Ultraselect-50 on Clearvision: U 1 | LT 51 | LRE 20 | LRI 14 | SC 0.28 | EA 32 | SF 24 | 6-16-4
- ipasol ultraselect 62/29 on Clearvision: U 1 | LT 64 | LRE 10 | LRI 11 | SC 0.34 | EA 26 | SF 30 | 6-16-4
- Stopray Vision-72: U 1 | LT 72 | LRE 13 | LRI 14 | SC 0.44 | EA 26 | SF 38 | 6-16-4
- Stopray Vision-72T: U 1 | LT 72 | LRE 13 | LRI 14 | SC 0.44 | EA 26 | SF 38 | 6-16-4
- Stopray Vision-61: U 1 | LT 61 | LRE 13 | LRI 13 | SC 0.38 | EA 34 | SF 33 | 6-16-4
- Stopray Vision-61T: U 1 | LT 61 | LRE 13 | LRI 13 | SC 0.38 | EA 34 | SF 33 | 6-16-4
- Stopray Vision-51: U 1 | LT 51 | LRE 14 | LRI 14 | SC 0.31 | EA 39 | SF 27 | 6-16-4
- Stopray Vision-51T: U 1 | LT 51 | LRE 14 | LRI 14 | SC 0.31 | EA 39 | SF 27 | 6-16-4

Stopray Ultra-60 on Clearvision

Double Glazing 6-16-4 (with 90% Argon)

LIGHT PROPERTIES

- light transmission: 63 %
- light reflection exterior: 13 %
- light reflection interior: 15 %

ENERGY PROPERTIES

- shading coefficient: 0.33
- total energy absorption: 26 %
- solar factor: 29 %

OTHER PROPERTIES

- colour: neutral
- thickness: 26 mm
- glazing type: double glazing
- configuration: 6-16-4
- coating position: 2

Actions:

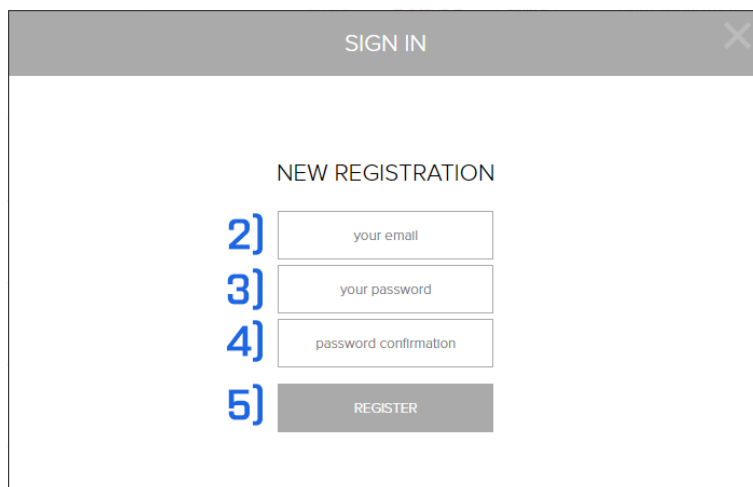
- INSERT NEW MATERIAL
- APPLY ON SELECTED CURTAIN WALL PANELS
- APPLY ON SELECTED WINDOWS
- INSERT NEW OBJECT: WINDOW WITH FRAME
- INSERT NEW OBJECT: CURTAIN WALL PANEL
- CLOSE

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4.1. Create new account - new registration

If you run Add-On for first time, you need to create your account for login. Click on "User" icon in right top corner and follow steps bellow. If you already have created your account, skip this step.

- 1) Click on "New registration" button on bottom
- 2) Fill in your email address
- 3) Choose and fill in your password
- 4) Retype your password for password confirmation
- 5) Click on "Register" button, e-mail confirmation will be sent to your email



SIGN IN

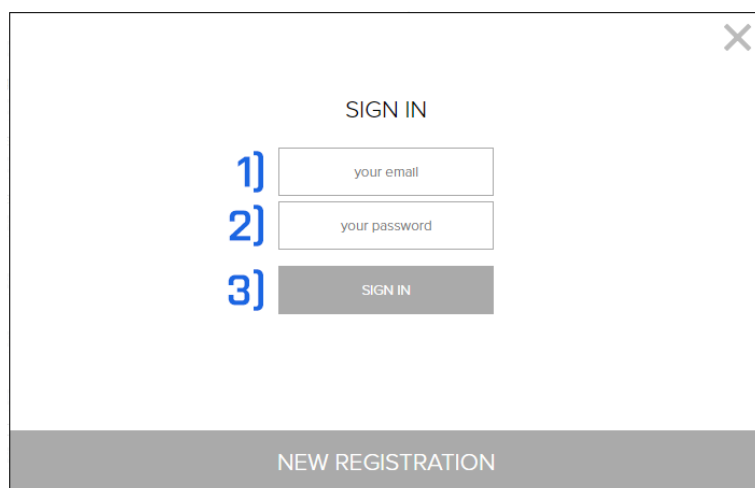
NEW REGISTRATION

- 2) your email
- 3) your password
- 4) password confirmation
- 5) REGISTER

4.2. Log in into Add-on

If you have account successfully created, you need to login. Click on "User" icon in right top corner and follow steps below.

- 1) Fill in your e-mail address
- 2) Fill in your password
- 3) Click on "Sign in" button

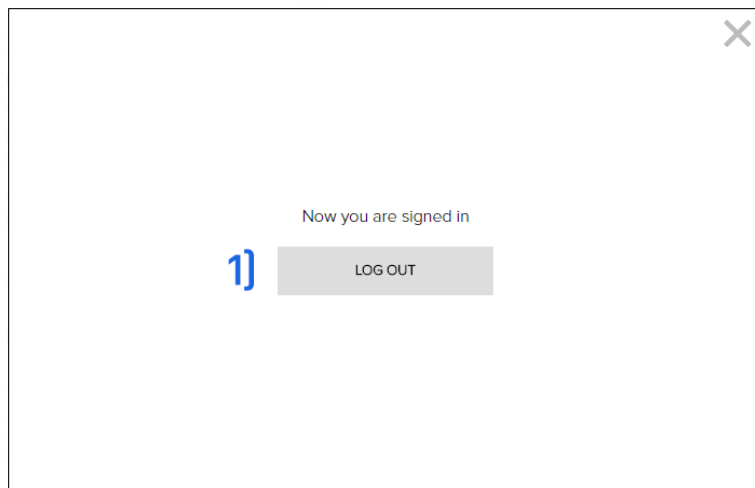


A dialog box titled "SIGN IN" with a close button (X) in the top right corner. It contains three steps: 1) a text input field labeled "your email", 2) a text input field labeled "your password", and 3) a grey button labeled "SIGN IN". At the bottom of the dialog is a grey bar with the text "NEW REGISTRATION".

4.3. Log out from Add-On

If you are log in into Add-On click on "User" icon in right top corner and follow steps below.

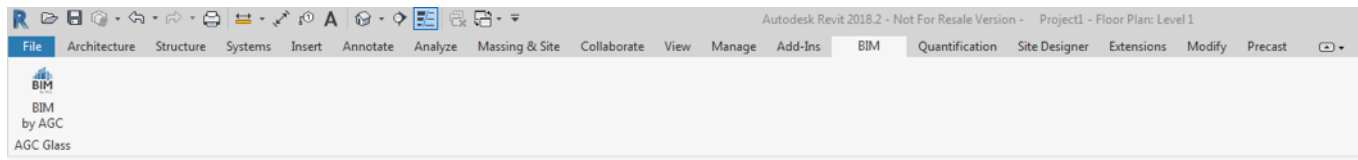
- 1) Click on "Log out" button



A dialog box with a close button (X) in the top right corner. It contains the text "Now you are signed in" and a single step: 1) a grey button labeled "LOG OUT".

5. Where to find Add-On and how to run it

After successful installation a new menu „BIM“, will appear in your Revit environment. Clicking on „BIM by AGC“ submenu, activates a selection window for glass solutions. For more information, see picture below.



6. Add-On layout and functionality

Add-On contains two categories of glasses. You can find them in left vertical menu.

6.1. Exterior glass

For exterior glass, there are three regions specified – Europe, Asia and North America. Users can select filter objects that are available. Furthermore, he can specify parameters that he is interested. Then the available products will show in the middle section of the add-on. Upon selecting one of the products, actual parameters for this product will appear in the left part of Add-On.

- 1) User profile – here you can create account, log in or log out.
- 2) Here you can select language for Add-On.
- 3) Here you can select region for your product range.
- 4) Here you can select glass category from exterior or interior glass.
- 5) In this column you can set your demands for products. Base on this request, products will be filtered in next column.
- 6) In this column you can see result of your search from previous step – glass products.
- 7) Clicking on product will display his properties in this column. Also you can click on preview image for better resolution.

- A. Insert new material – creates new material definition in project
- B. Apply on selected curtain wall panels – applies product on selected curtain wall panels
- C. Apply on selected windows – applies product on selected window
- D. Insert new object: window with frame – insert new family to project and applies product on it
- E. Insert new object: curtain wall panel – insert new family to project and applies product on it
- F. Close – close Add-On without any action

BIM by AGC

Interior glass selector

REGION Europe

LANGUAGE English

1

EXTERIOR GLASS SELECTOR

INTERIOR GLASS SELECTOR

4)

Product line

Lacobel

Lacobel T

Matelac

Matelac T

Mirox MNGE

5)

The Classics

WHITE SOFT 9010

BLACK CLASSIC 9005

RED LUMINOUS 1588

The Trendsies

WHITE PURE 9003

WHITE PEARL 1013

BEIGE LIGHT 1015

GREY CLASSIC 7035

BROWN LIGHT 1236

BROWN NATURAL 7013

ANTHRACITE AUTHENTIC 7016

BLUE SHADOW 7000

GREEN SOFT 9815

GREEN SAGE 8715

RED TERRACOTTA 8615

The Exclusives

GREY METAL 9006

TAUPE METAL 0627

ALUMINIUM RICH 9007

COPPER METAL 9115

BLACK STARLIGHT 0337

BROWN STARLIGHT 9015

Some colours may look different in actual condition compared to a picture or color chart. AGC Glass recommends that you make your final decision only after seeing an AGC marked reference sample.

6)

Lacobel is a clear or clearvision float glass covered on one side by a uniform layer of high quality paint.

Product details

7)

appearance	reflective	
cradle 2 cradle	Bronze	
thickness	4 mm	A
bonded with silicone	yes	
safes+ safetyfilm	yes	
agc fix in	yes	B
heat treatment	annealed	
fire reaction	sld0	
VOC (volatile organic compounds)	EN 12600 - 2B2	C
safety standard	EN 12600 - 2B2	
warranty	5 years	D

INSERT NEW MATERIAL

APPLY ON SELECTED CURTAIN WALL PANELS

INSERT NEW OBJECT: CURTAIN WALL PANEL

CLOSE

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7. Manufacturer information

Based in Louvain-La-Neuve (Belgium), AGC Glass Europe produces, processes and distributes flat glass for the construction (external glazing and interior decorative glass), the automotive (original & replacement glass) and the solar sectors. It is the European branch of AGC Glass, the world's largest producer of flat glass.

Its baseline "Glass Unlimited" reflects the possibilities offered by: glass as a material to meet a growing variety of needs [comfort, energy control, health & safety, aesthetics, sustainability]; innovation in products and processes, derived from continuous research in advanced glass technology; over 100 sites throughout Europe, from Spain to Russia; a worldwide marketing network;

<http://www.yourglass.com/agc-glass-europe/be/en/home.html>