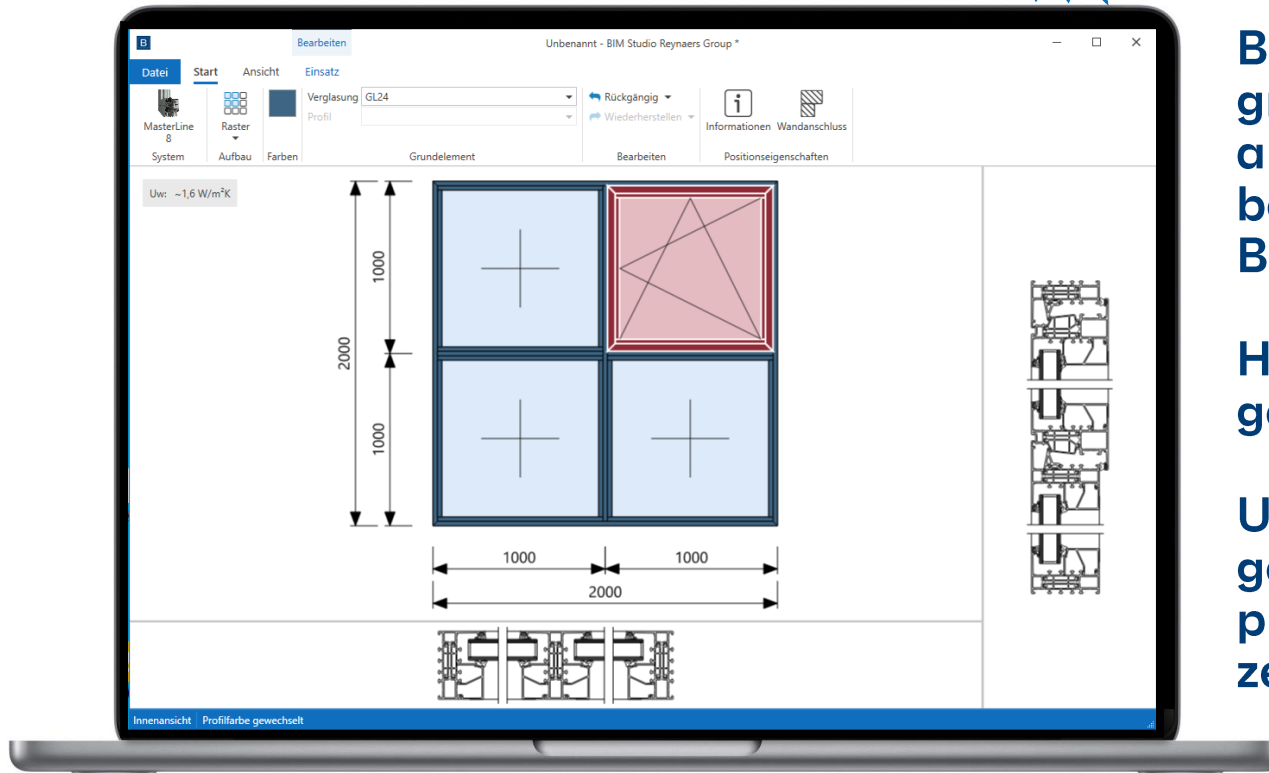




Reynaers
Aluminium

BIM Studio Handleiding

Mei
2023



BIM Studio is onze nieuwe gratis configurator voor architectuur- en bouwteams om eenvoudig BIM-modellen te maken.

Het is eenvoudig, snel en gebruiksvriendelijk!

U kunt BIM Studio gebruiken als een Revit-plugin-in of een zelfstandige toepassing.

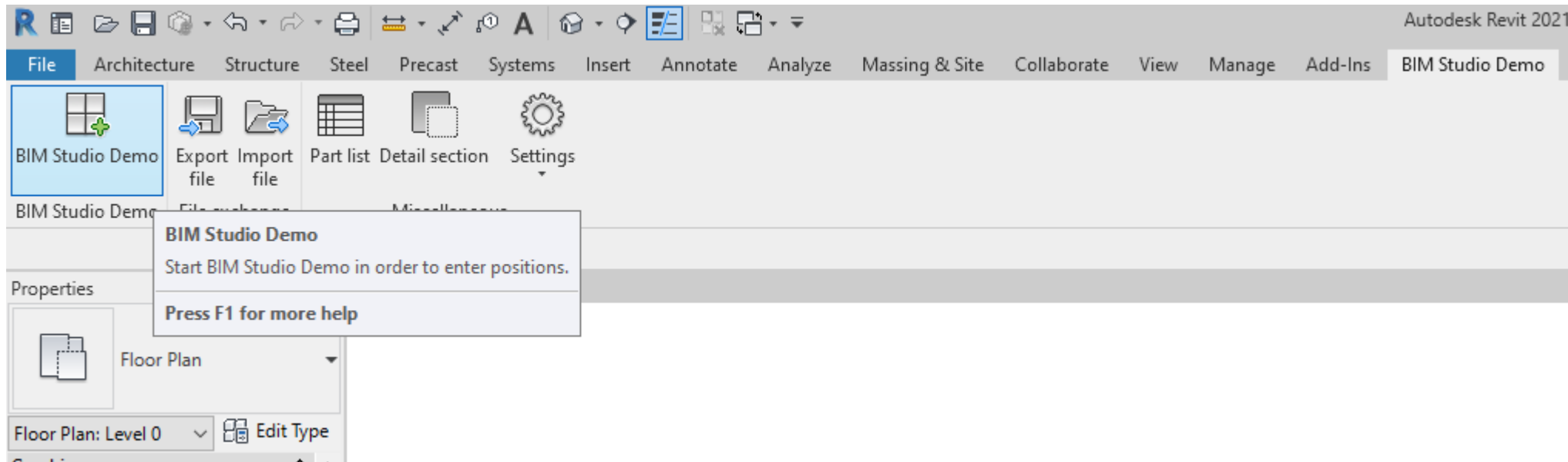
BIM Studio: Handleiding

Eerste configuratie

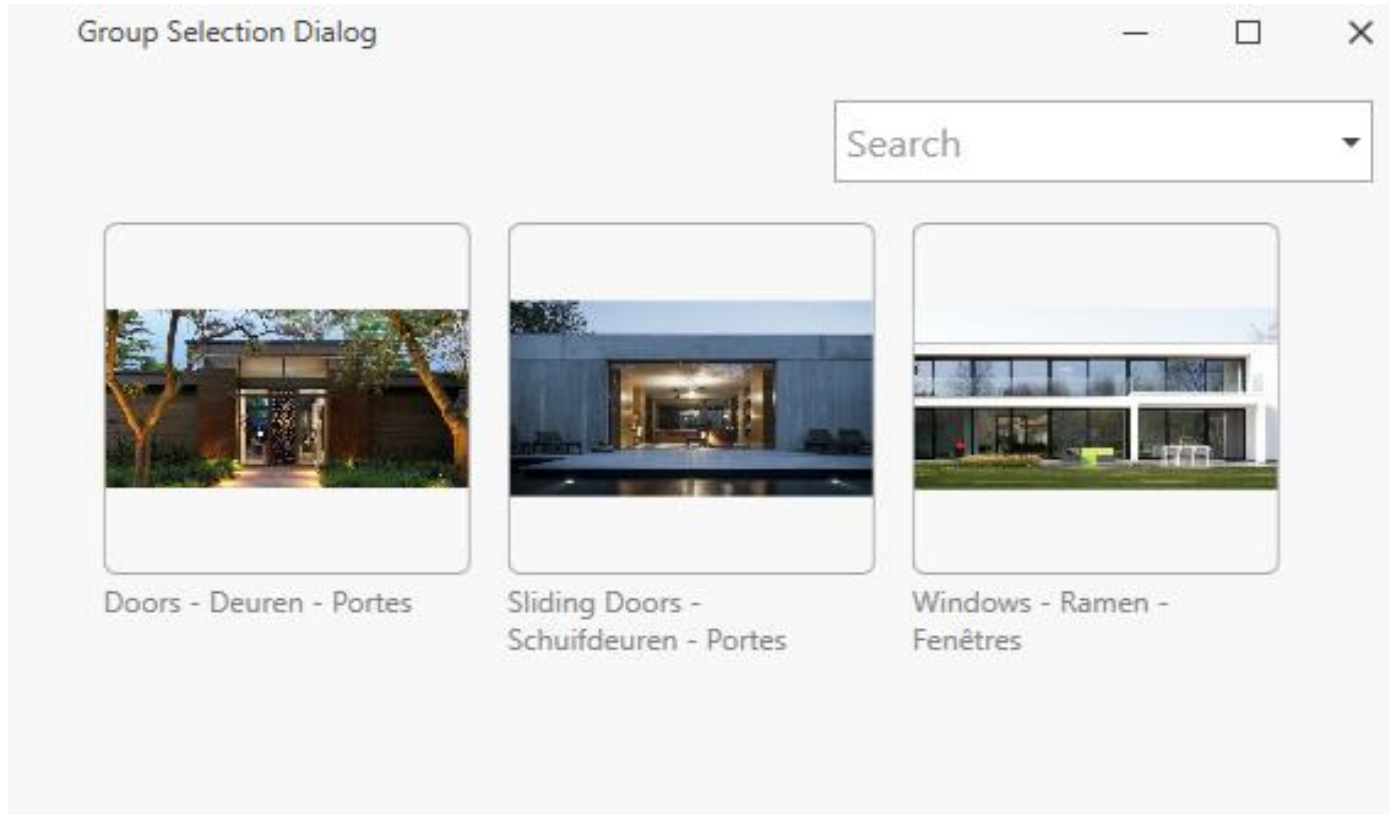
- Navigeer naar BIM Studio in Revit, BIM Studio wordt geopend.
- Kies uit ramen/deuren/schuifsystemen.
- Filter welk systeem, ontwerp, isolatie, etc u wilt gebruiken.
- Raster handmatig en numeriek vergroten
- Voer positie, draaikip, etc. in.
- Kleuren
- Glas / Paneel en glasdikte
- Profiel selectie
- Kopiëren/plakken
- Stolpraam
- Exporteren , naamgeving en stand alone/wall based

BIM Studio

01 Open BIM Studio in Revit



02 Groep keuze: Kies een van de suites: Deuren/ramen/schuifsystemen



03 Suite selectie: filter op systeem, ontwerp, isolatie, etc.

Suite Selection Dialog

Search

System - Systeem - Série

- ☐ SlimLine 38 (6)
- ☒ MasterLine 8 (12)
- ☐ MasterLine 10 (4)

Design

- ☐ Classic (2)
- ☐ Slim Line/Steel Look (6)
- ☐ Renaissance (4)
- ☐ Functional (4)
- ☐ Cubic (2)
- ☐ Ferro (2)
- ☐ Deco (4)
- ☐ Hidden Vent - Verborgen Vleugel (4)

Insulation - Isolatie - Isolation

- ☐ Standa(a)rd (7)
- ☐ HI (7)
- ☐ HI+ (8)

Safety Options

- ☐ Burglar Protection (22)

Air-Water-Wind

- ☐ High (19)
- ☐ Medium (3)

Acoustics

- ☐ Extreme (22)

MasterLine 8

MasterLine 8 HI

MasterLine 8 HI+

MasterLine 8 Renaissance

MasterLine 8 Renaissance HI

MasterLine 8 Renaissance HI+

MasterLine 8 Deco

MasterLine 8 Deco HI

MasterLine 8 Deco HI+

MasterLine 8-HV

MasterLine 8-HV HI

MasterLine 8-HV HI+

MasterLine 10 HI+

MasterLine 10 Renaissance HI+

MasterLine 10 Deco HI+

MasterLine 10-HV HI+

SlimLine 38 Classic

SlimLine 38 Classic HI

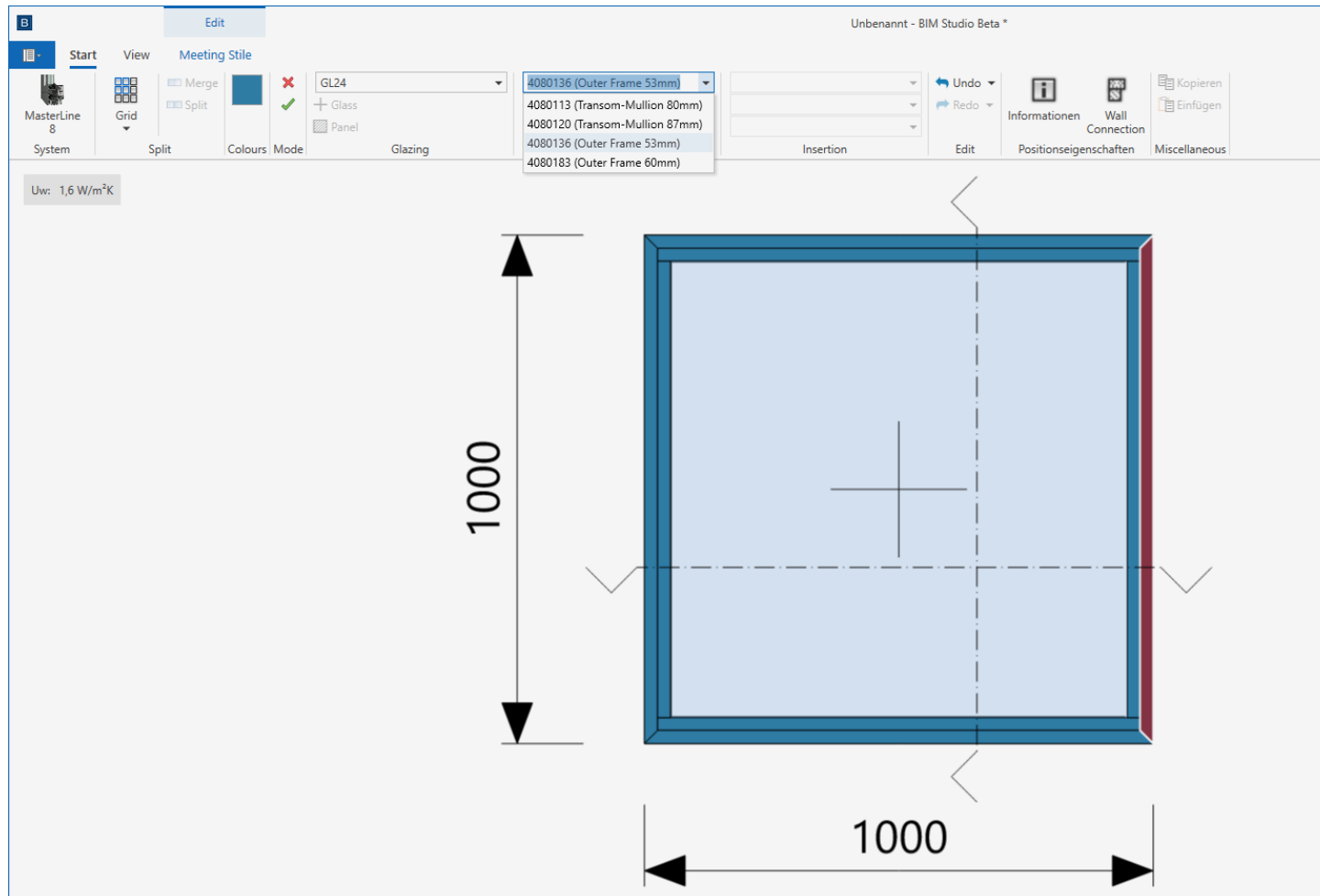
SlimLine 38 Ferro

SlimLine 38 Ferro HI

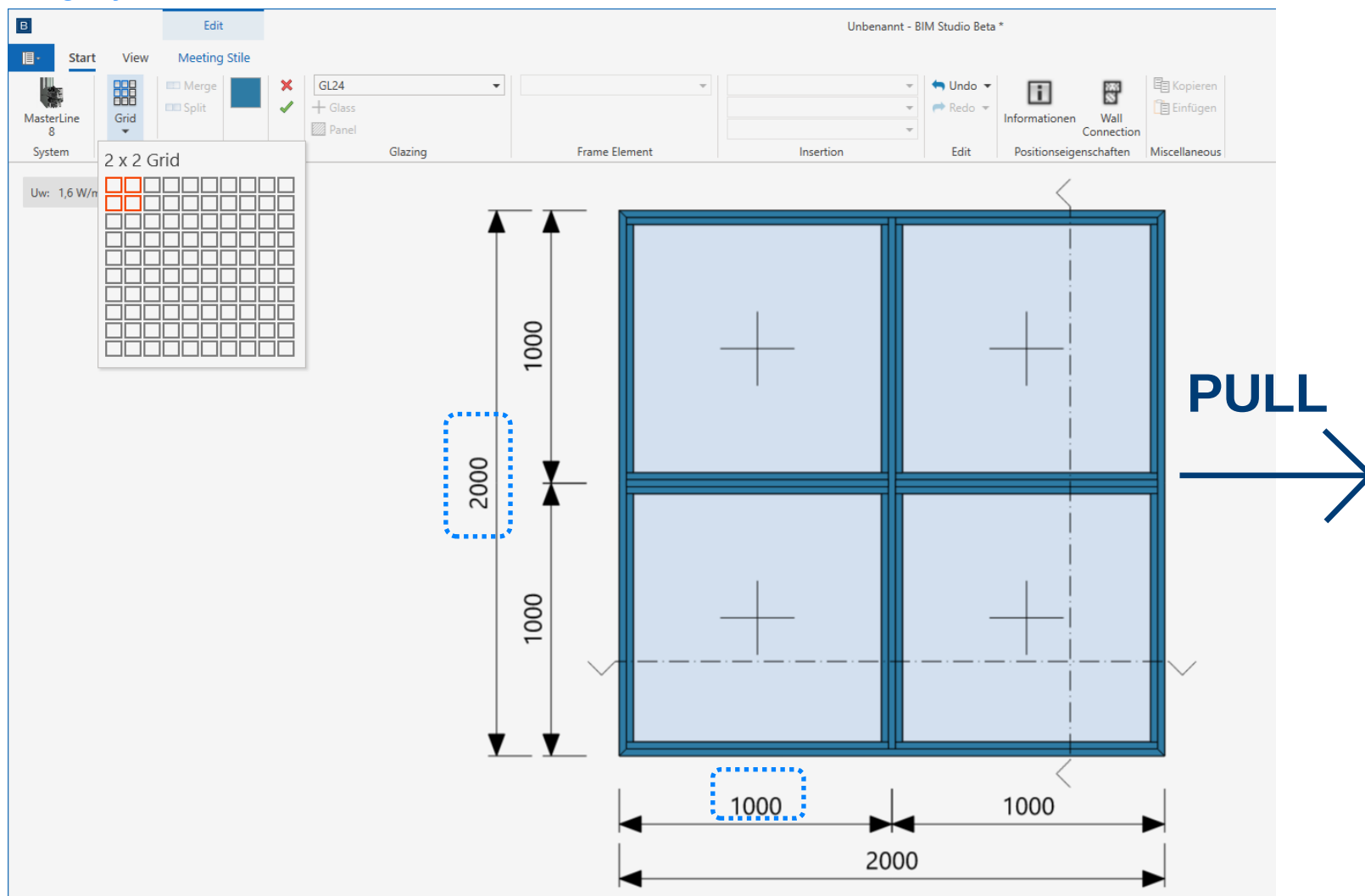
SlimLine 38 Cubic

SlimLine 38 Cubic HI

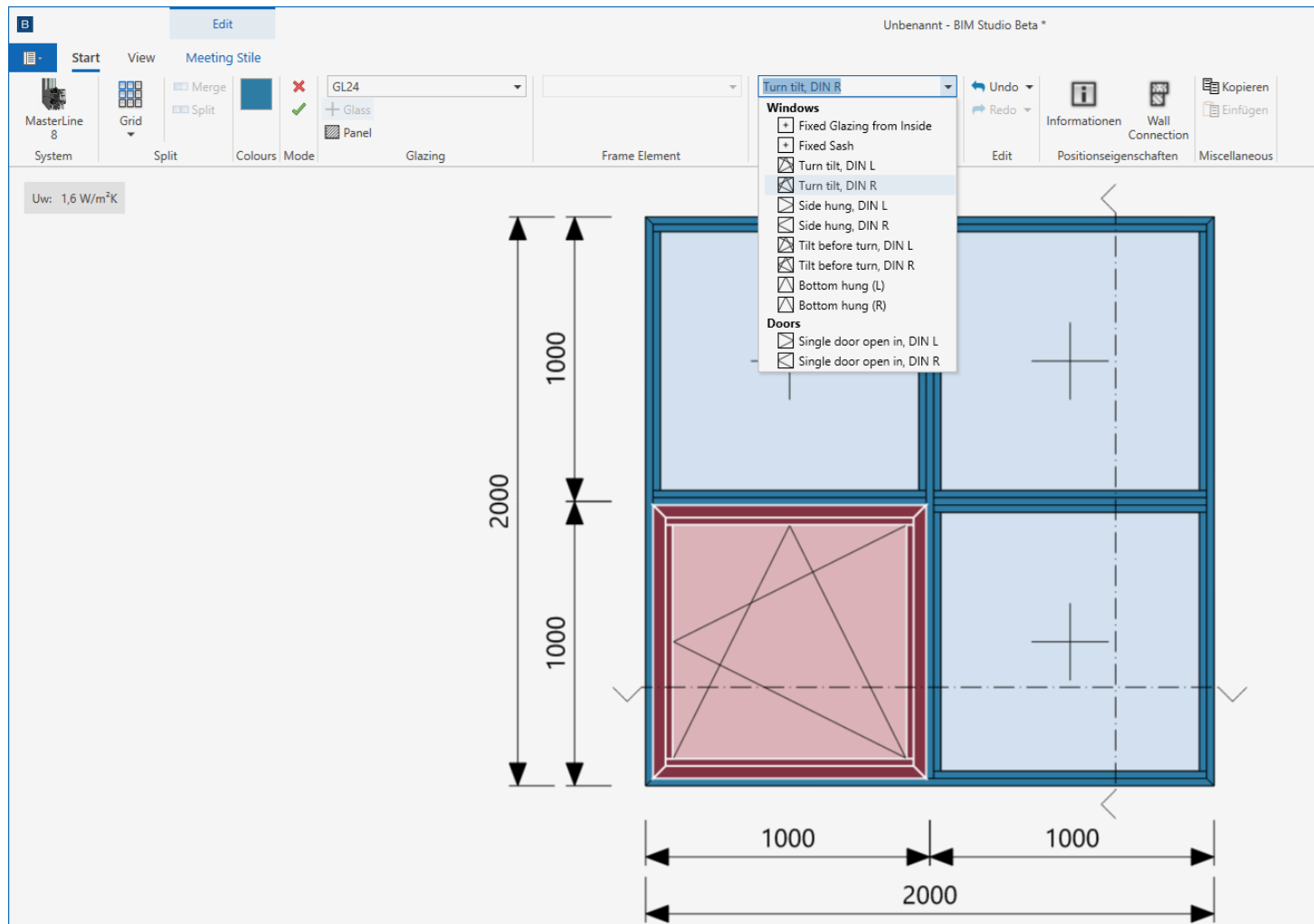
04 Positieselectie: In deze stap kunt u de profielen binnen het eerder gekozen systeem wijzigen



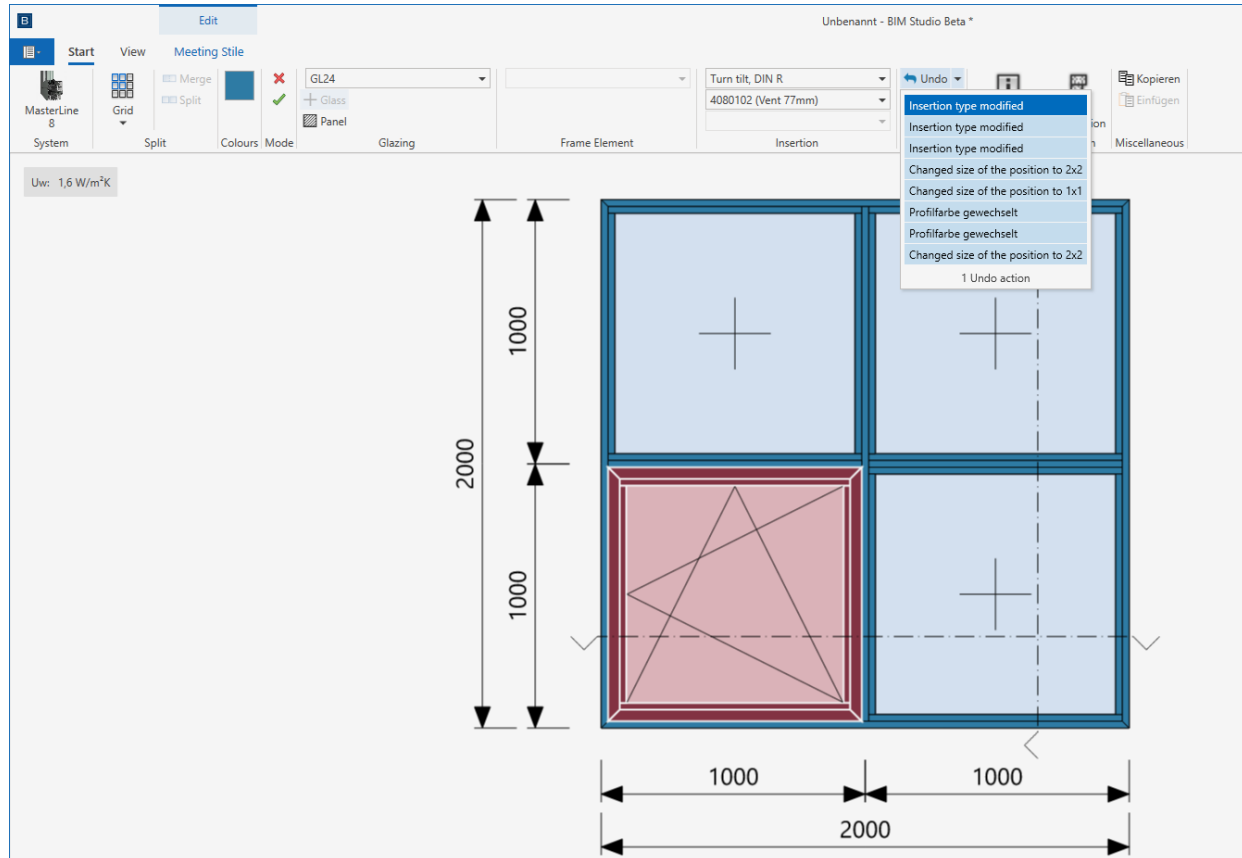
05 Kies uw raster en pas de configuratie numeriek of grafisch aan, SHIFT ingedrukt houden geeft u de mogelijkheid om enkel één veld te bewerken



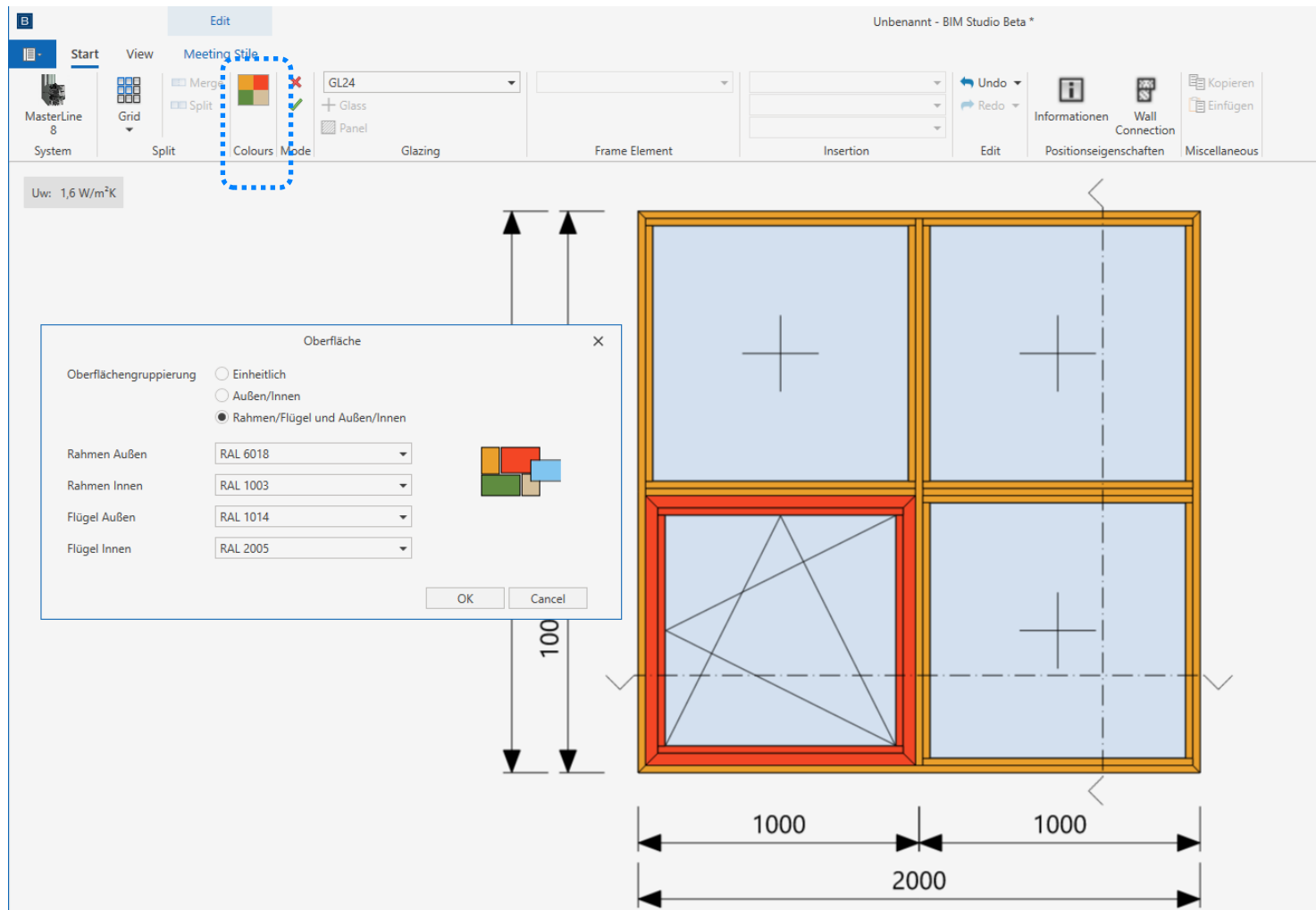
06 Invoegselectie: draaikip, vast, enz. toewijzen door op een veld te klikken. De Control-toets kan worden gebruikt om meerdere velden tegelijk te bewerken



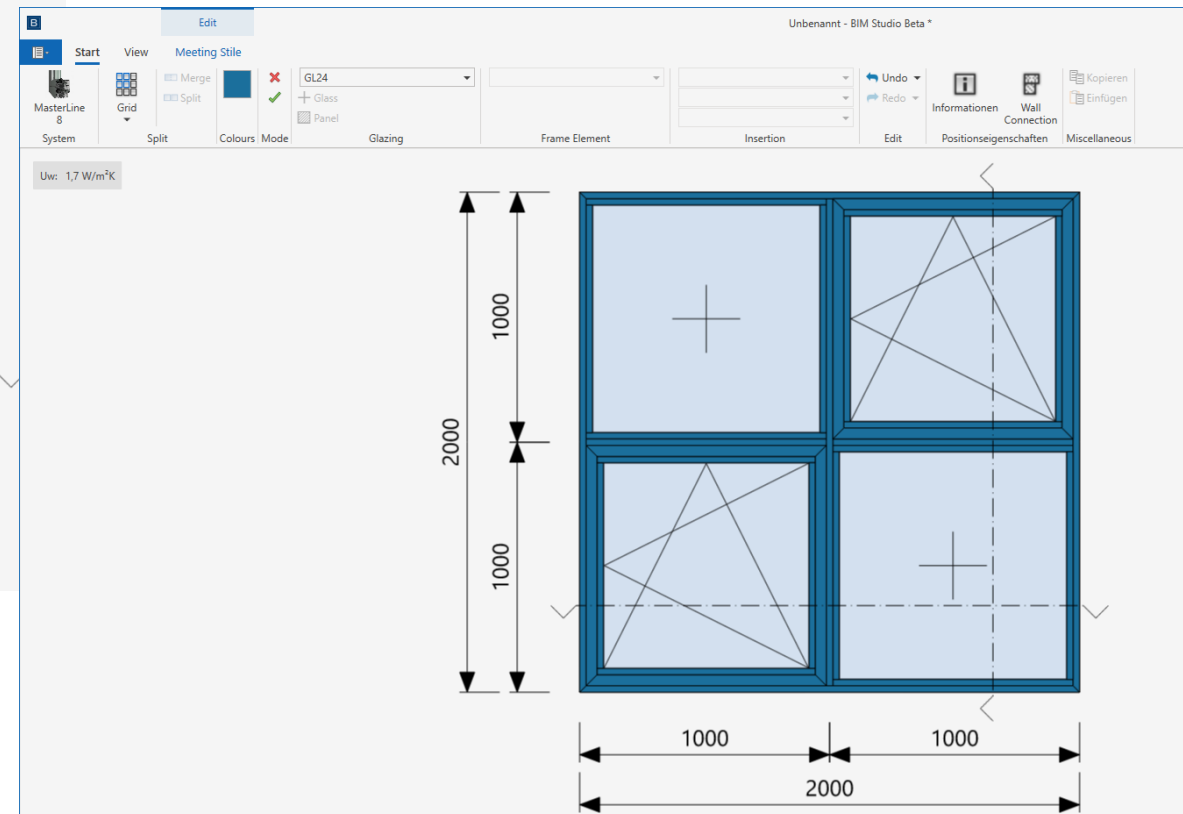
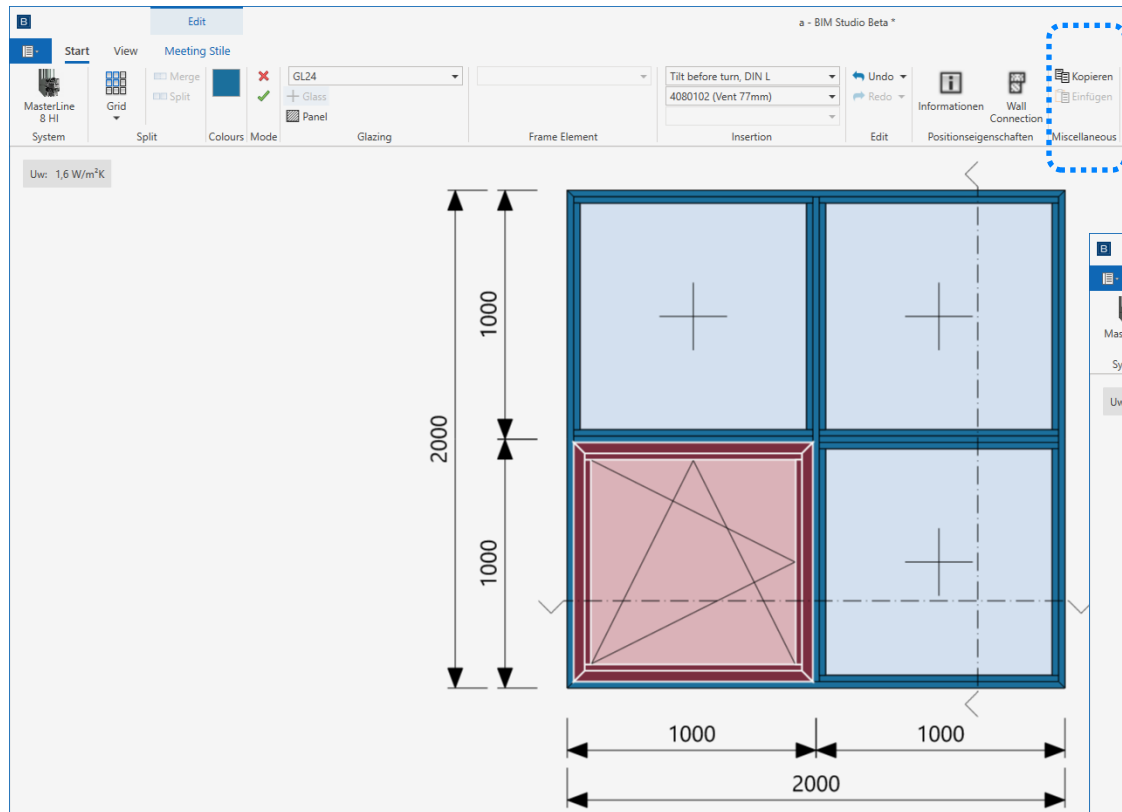
07 Undo & redo knop met lijst



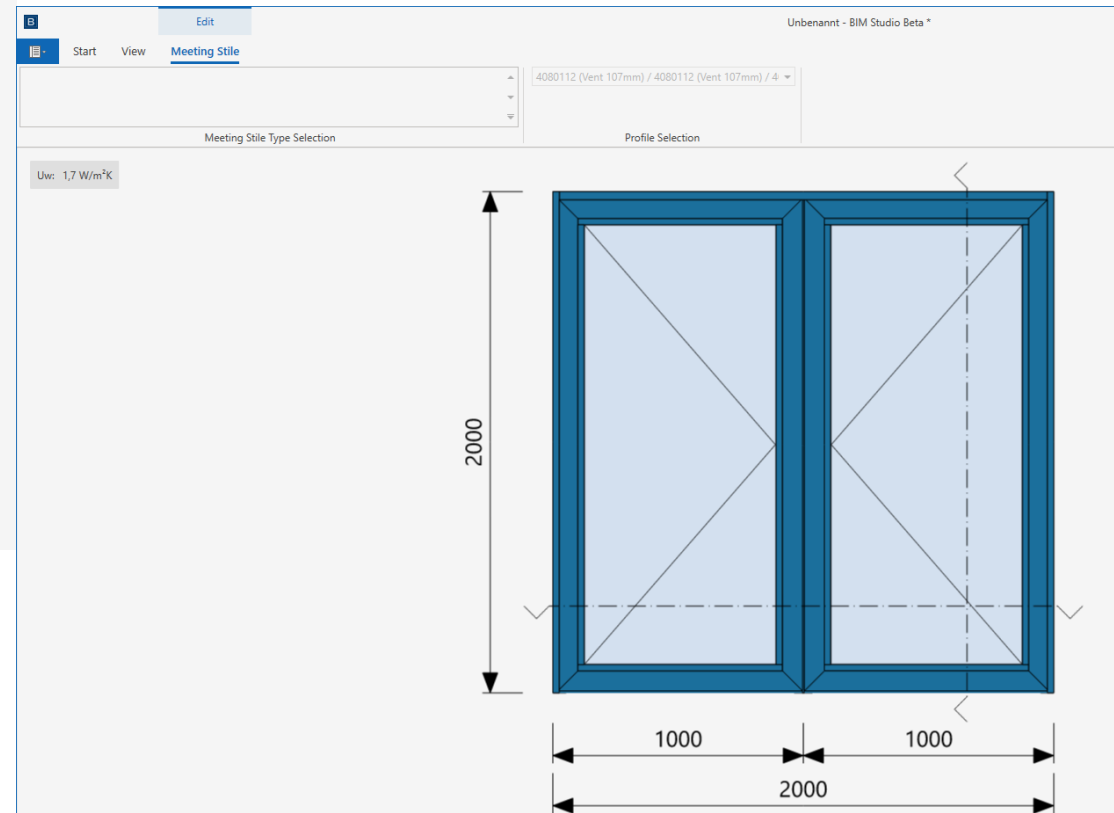
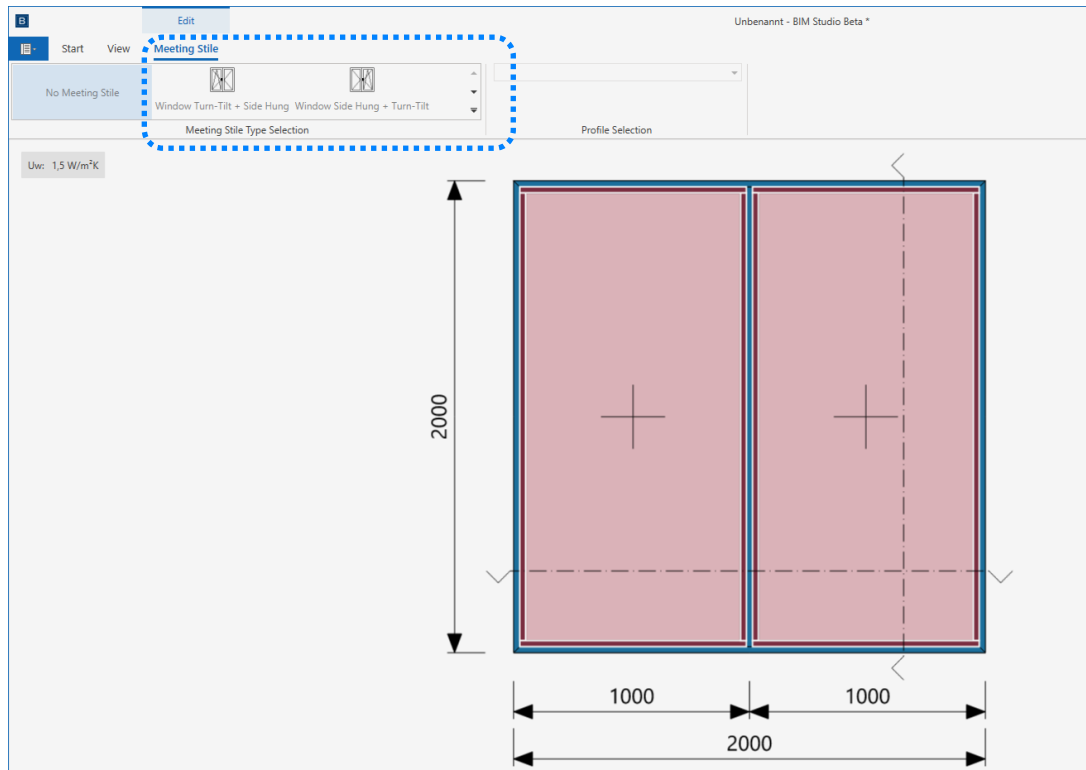
08 Kleuren : verander het element als één geheel, binnen/buiten of vleugel/kader apart



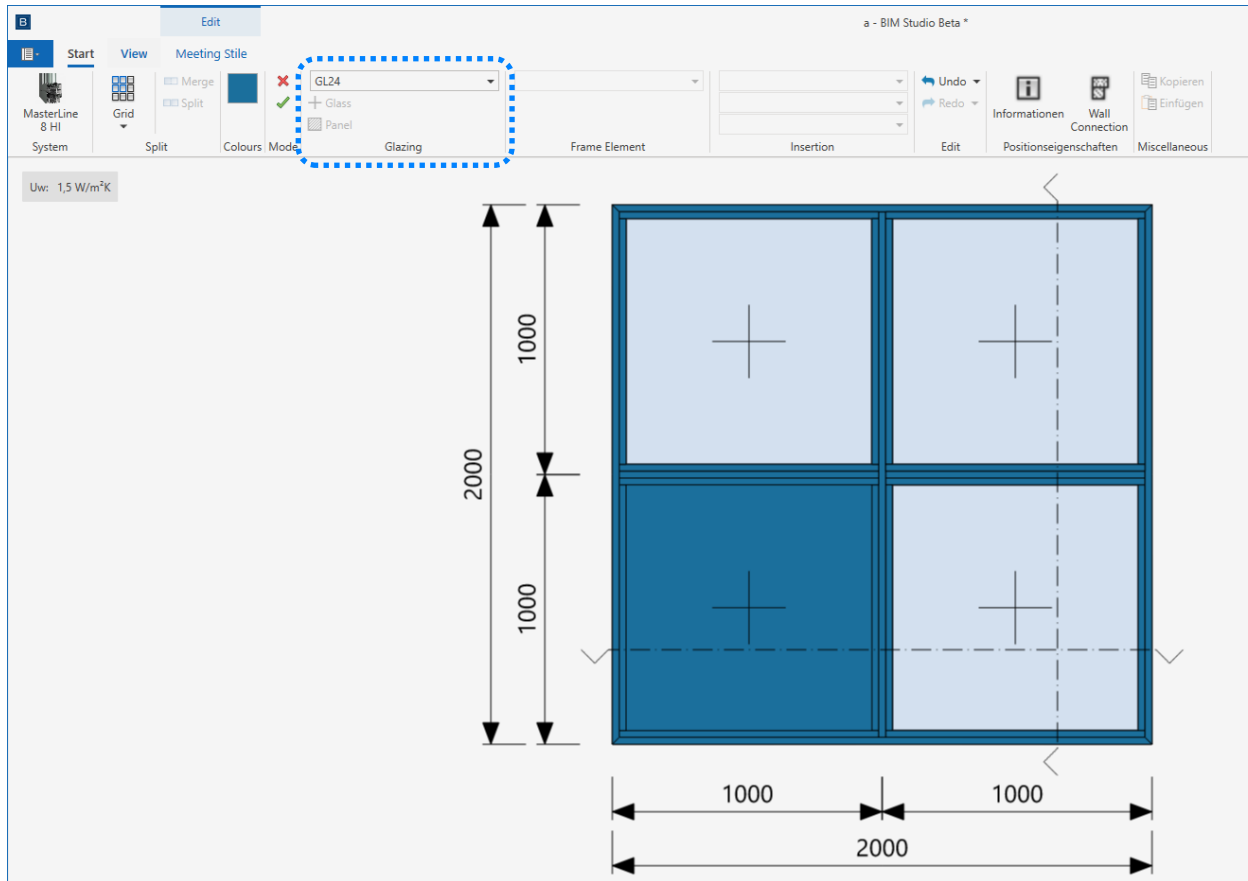
09 Kopiëren en plakken: mogelijk om inserties te kopiëren met de knoppen of doormiddel van ctrl v + ctrl p



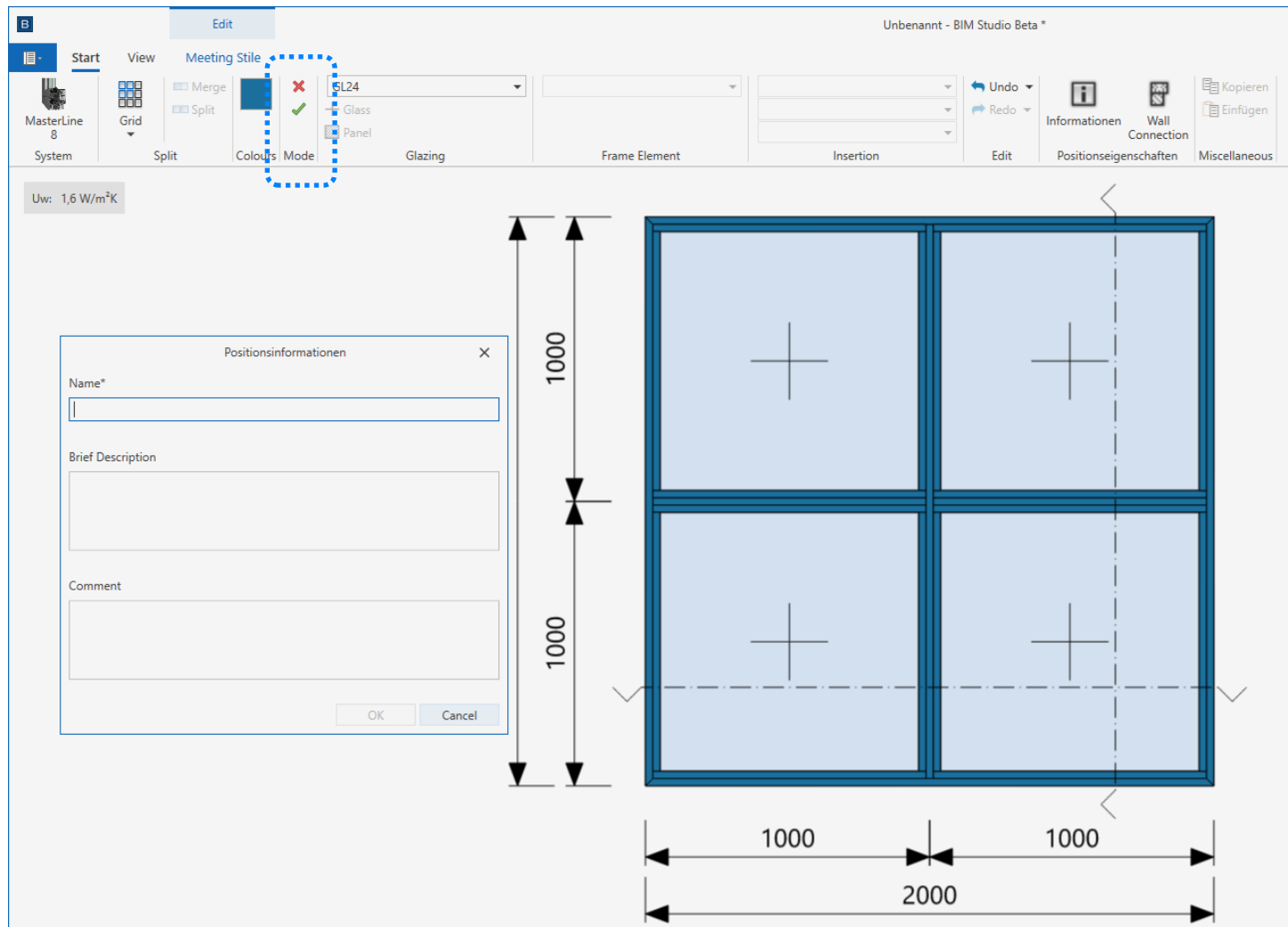
10 Stolpconfiguratie: als u twee velden met de Ctrl-toets selecteert, kan u een stolpconfiguratie maken



11 Glas / Paneel keuze en glasdikte



12 Vinkje aanduiden en geef uw configuratie een naam



13 Indien de configuratie niet geplaatst moet worden in de muur kan men kiezen voor Generic.

Import Elevation

Please select the desired positions for the import.

Name	Supplier	System	Family category	Family type	Width	Height	Height threshold/pocket filler/ Info
a	Reynaers	Reynaers MASTERLINE 8	Window element	Wall based	632,00	1000,00	915
				Wall based			
				Generic			

a
Reynaers MASTERLINE 8

Opening interior bottom distance

20

Opening Interior Left Distance

10

Opening Interior Right Distance

10

Opening Interior Top Distance

20

Opening Rebate Distance

10

Opening Rebate Type

Outside

Opening Thickness Inner Wall

250

Opening Thickness Outer Wall

100

Opening Total Thickness Wall

400

Surface Area (Glass)

0.47 m²

Surface Area (Profile)

0.17 m²

Surface Area (Total)

0.64 m²

Energy Analysis

Psi Value (Glass) (approx)

0.040

U Value (approx)

1.126

Uf Value (Profile) (approx)

1.900

Ug Value (Glass) (approx)

0.600

Identity Data

Materials and Finishes

Export information

Export date:

1/10/2024 10:09:30 AM

Program name:

BIM Studio Reynaers Group

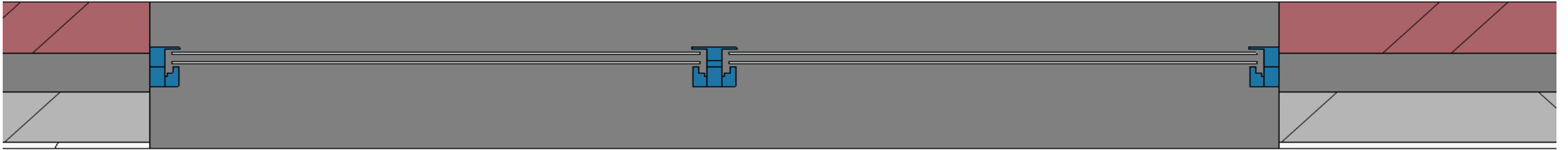
Version:

1.6.21.0

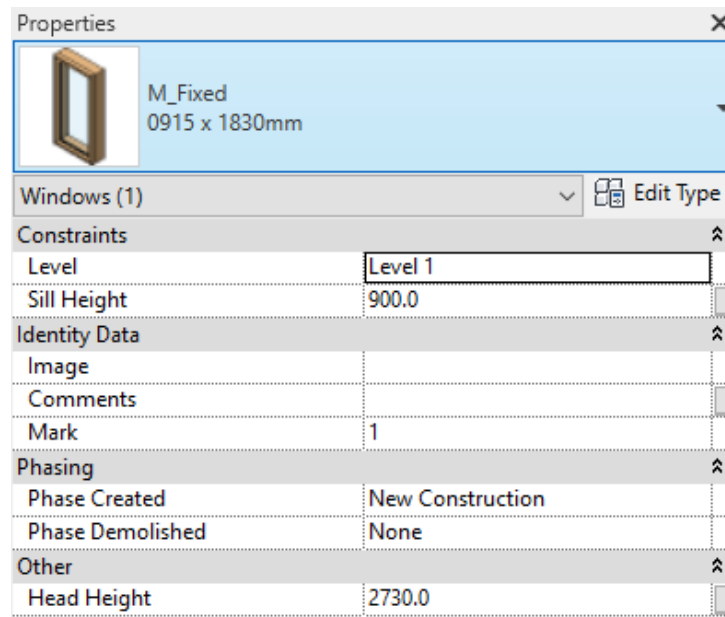
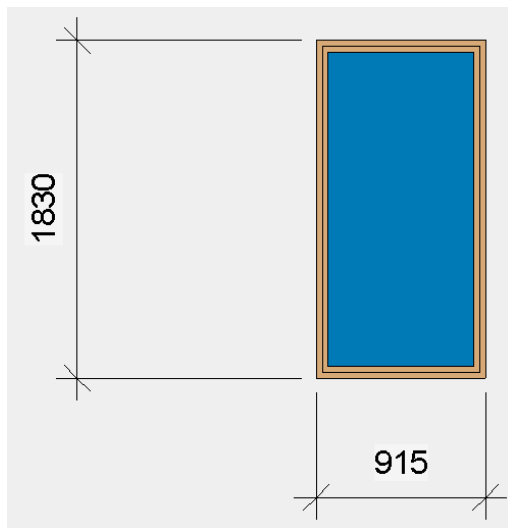
Import

Cancel

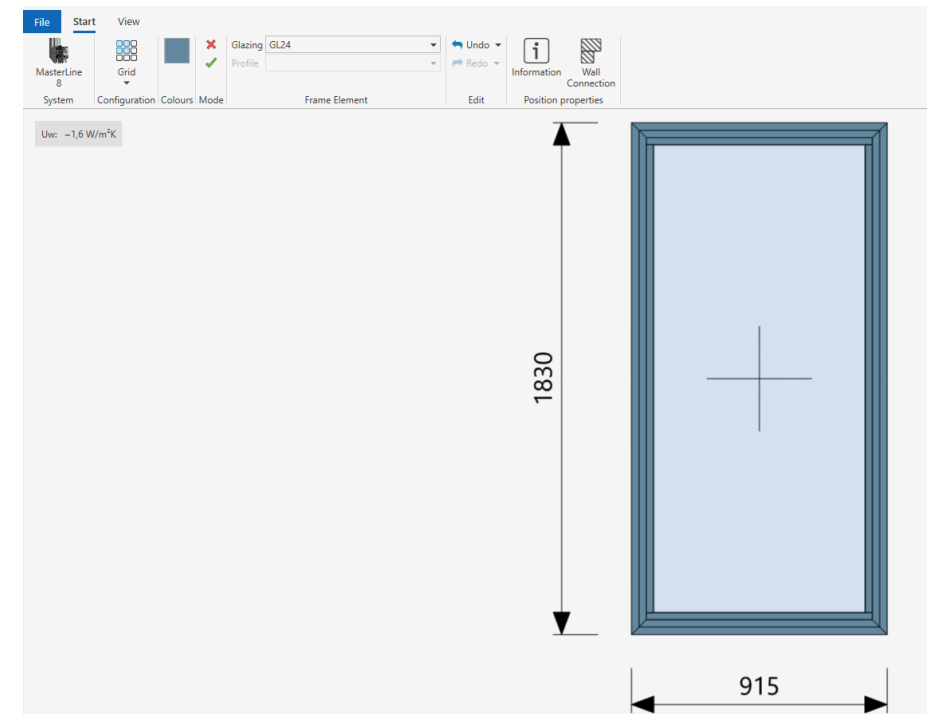
14 Plaatsing in Revit



15 Als men een raam/deur selecteert in Revit en BIM Studio opent, zal de software de afmetingen detecteren en overnemen. Op deze manier kan men generieke content eenvoudig omzetten in Reynaers configuraties.



Revit

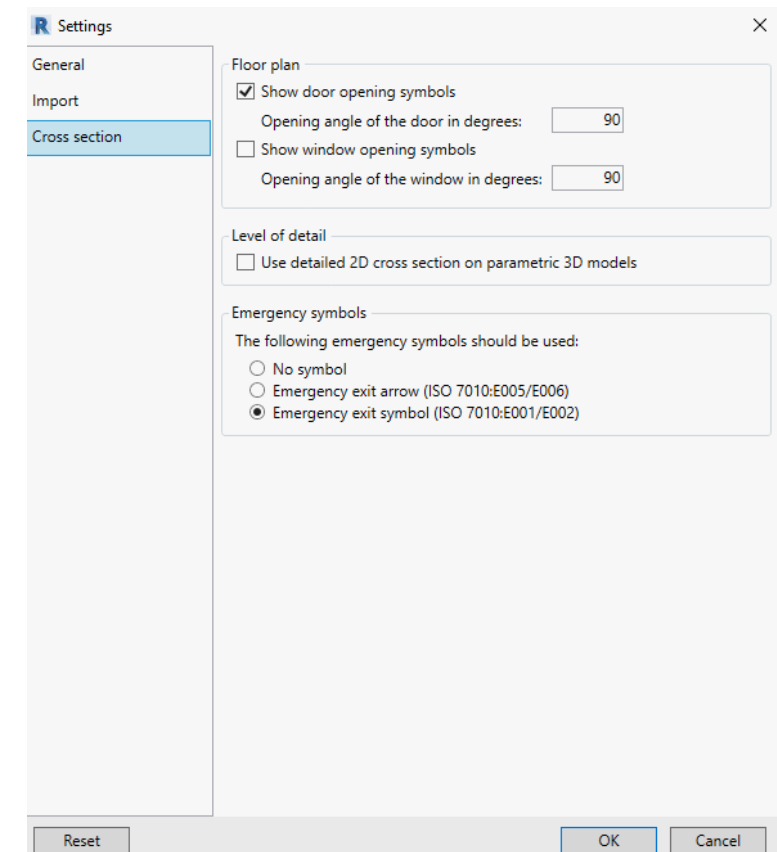
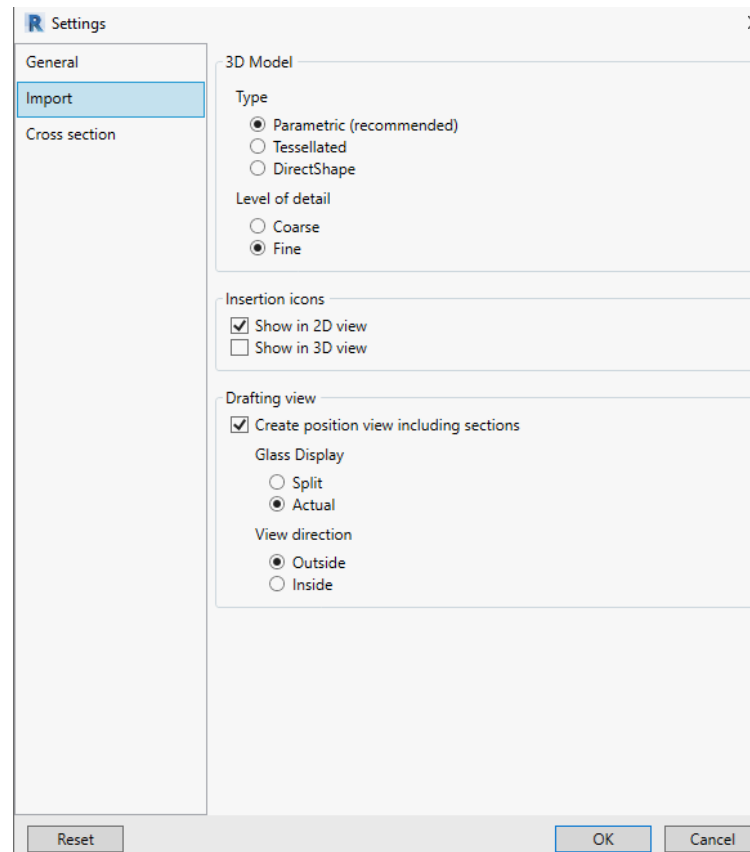
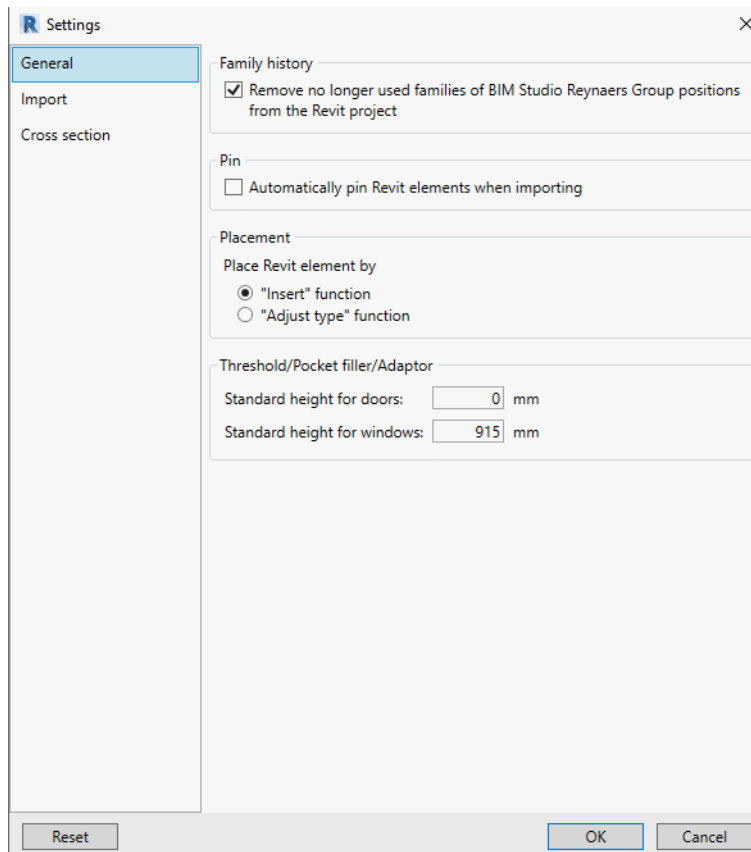
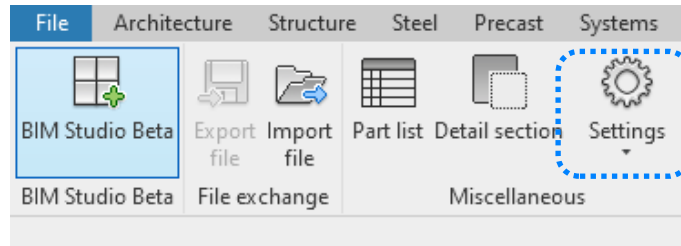


BIM Studio

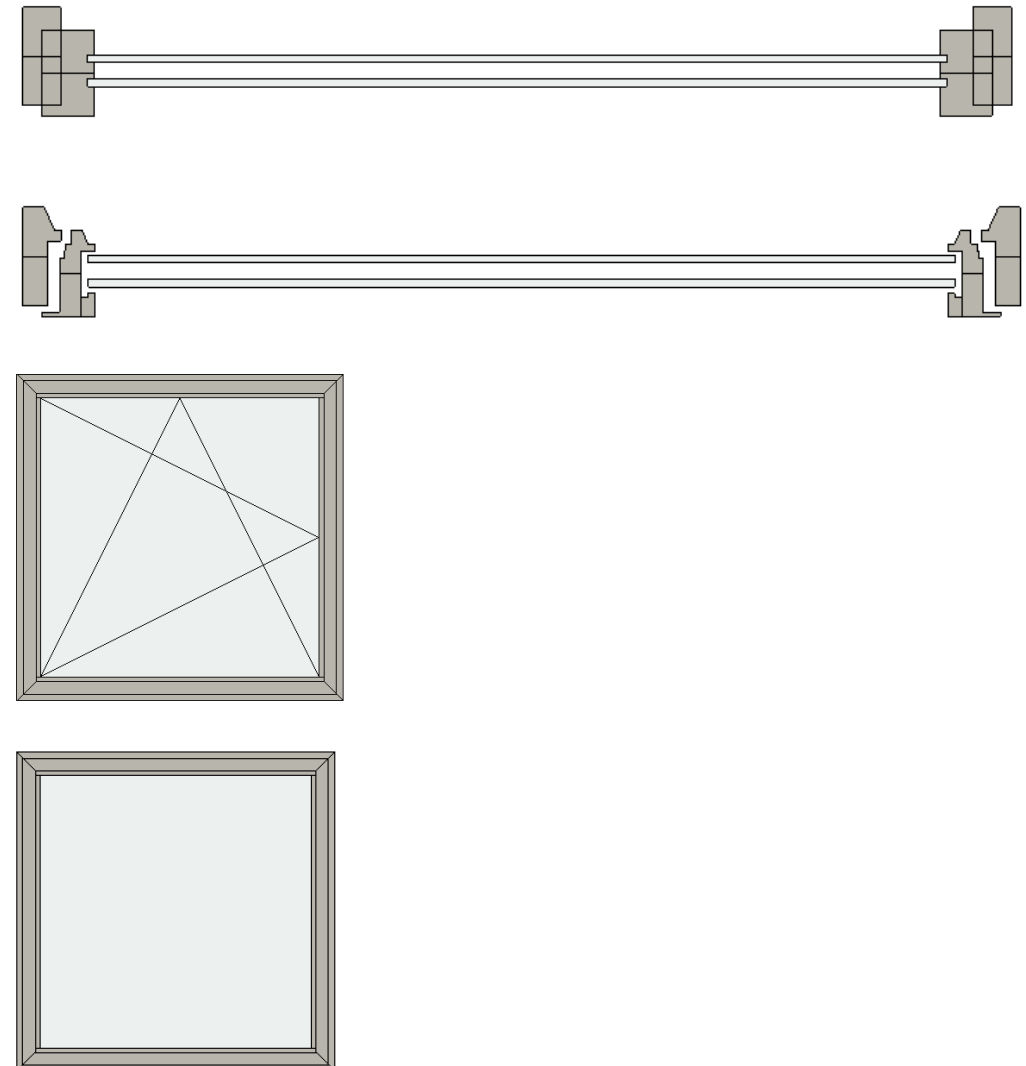
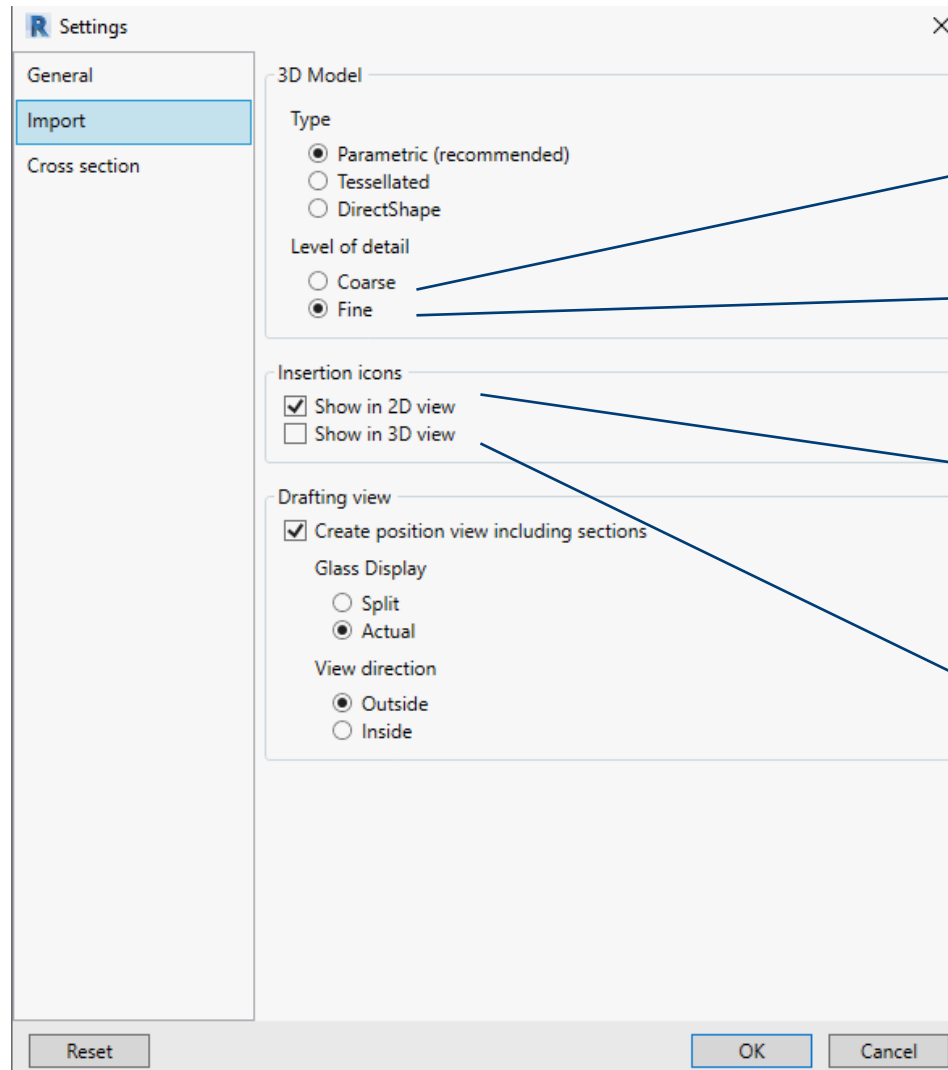
Settings

- 01 Instellingen in Revit
- 02 Instellingen in BIM Studio
- 03 Wandaansluitingen

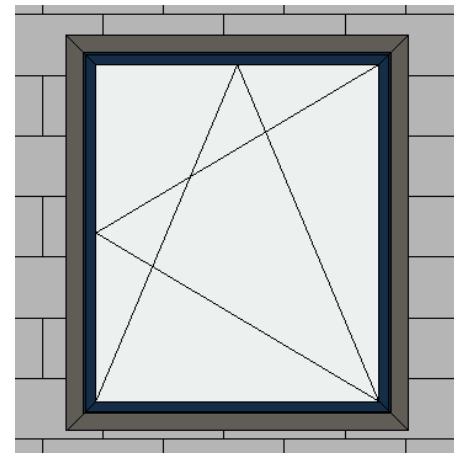
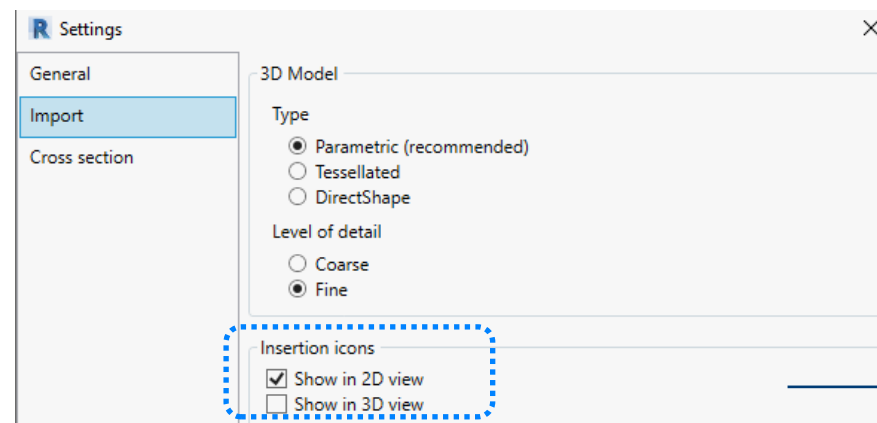
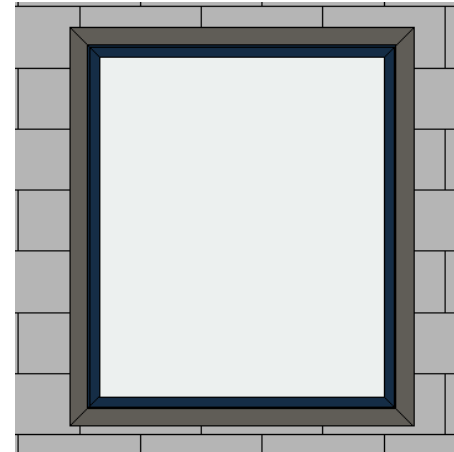
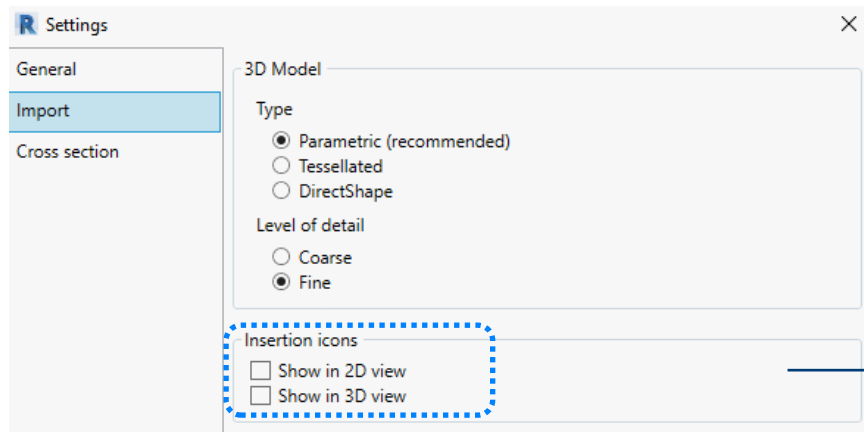
01 Instellingen in Revit: Overzicht van instellingen in Revit



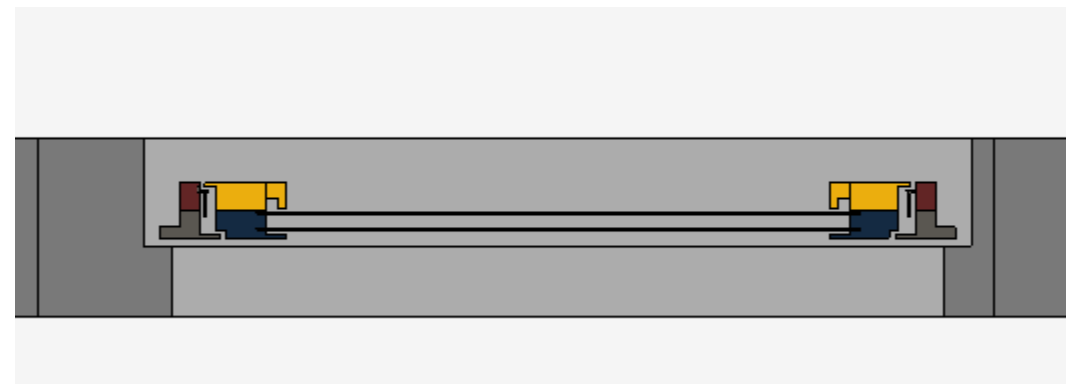
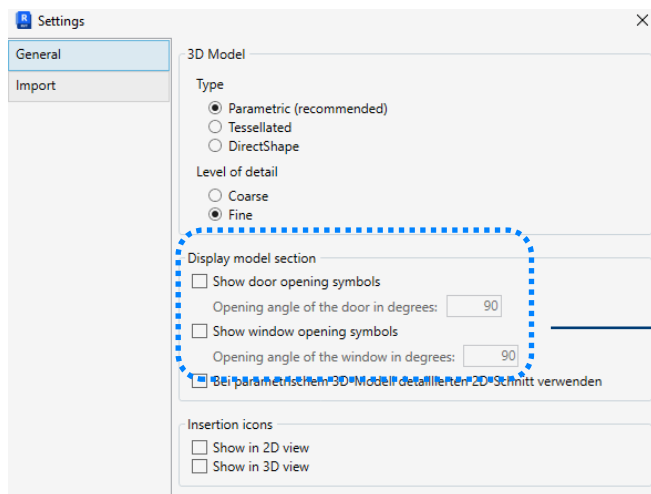
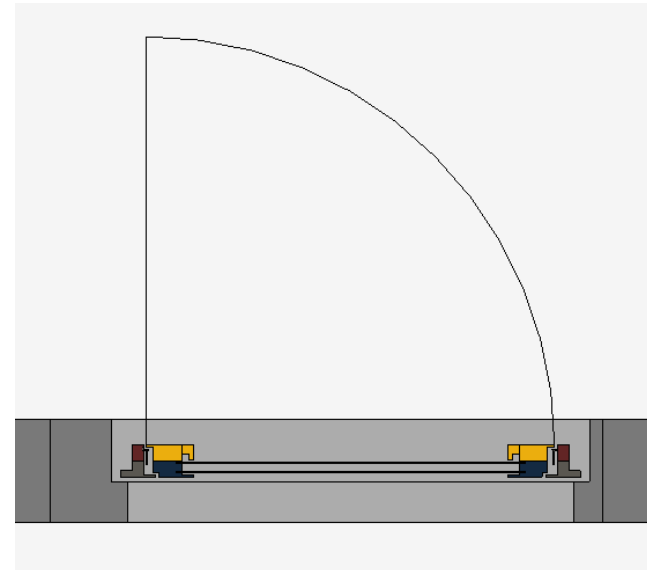
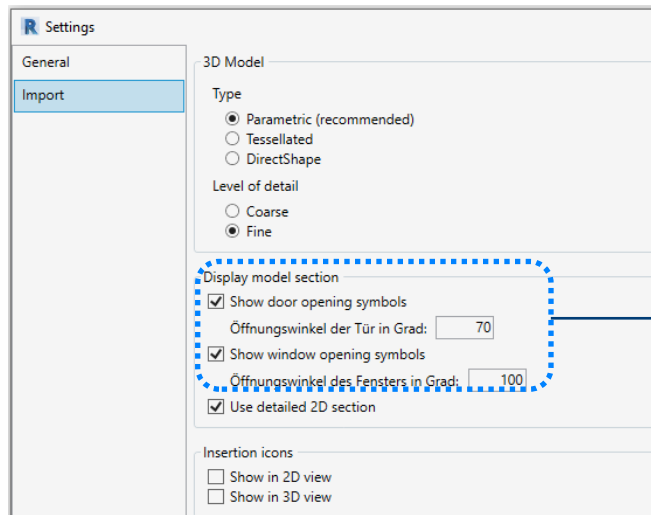
01 Instellingen in Revit => import => wijzig de instelling naar het gewenste detailniveau



01 Instellingen in Revit => import => wijzig de instelling om de invoegpictogrammen weer te geven

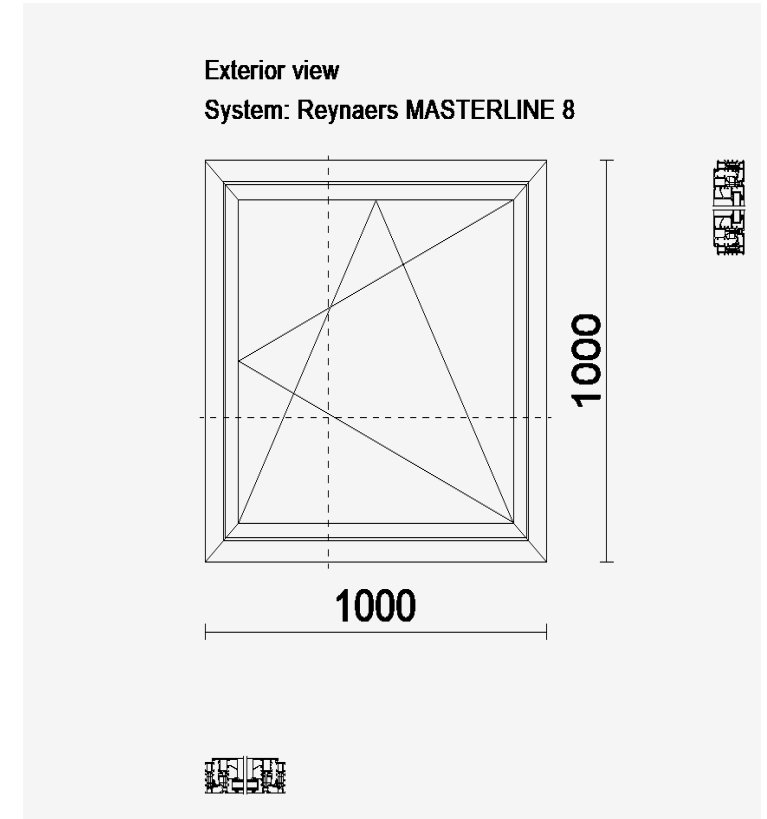
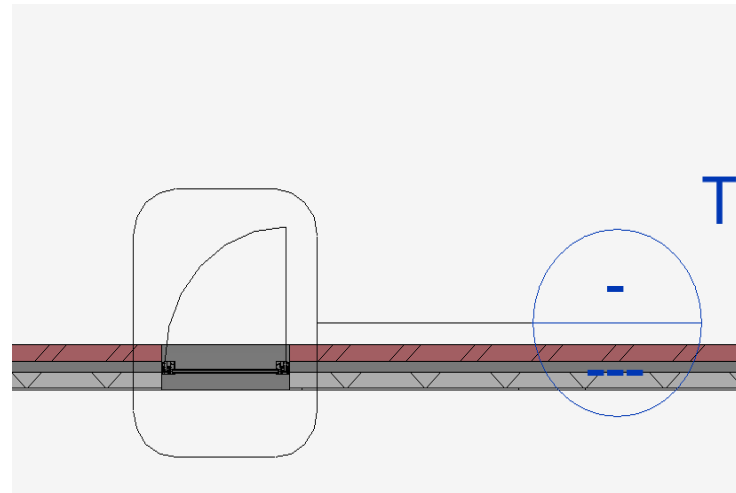
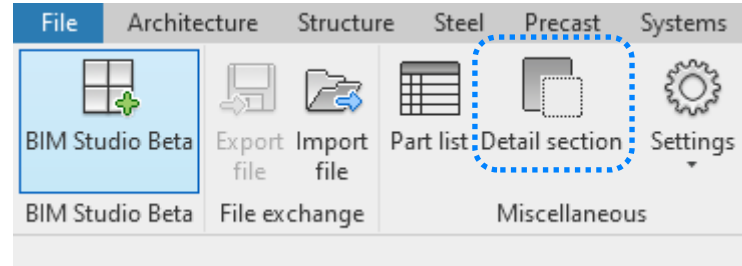
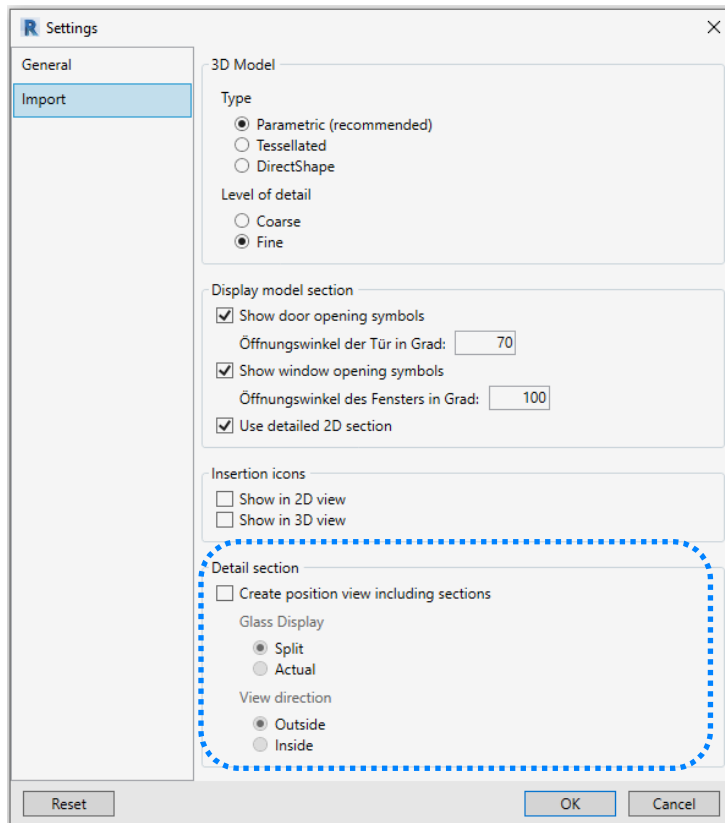


01 Instellingen in Revit => import => wijzig de instelling om openingssymbolen weer te geven



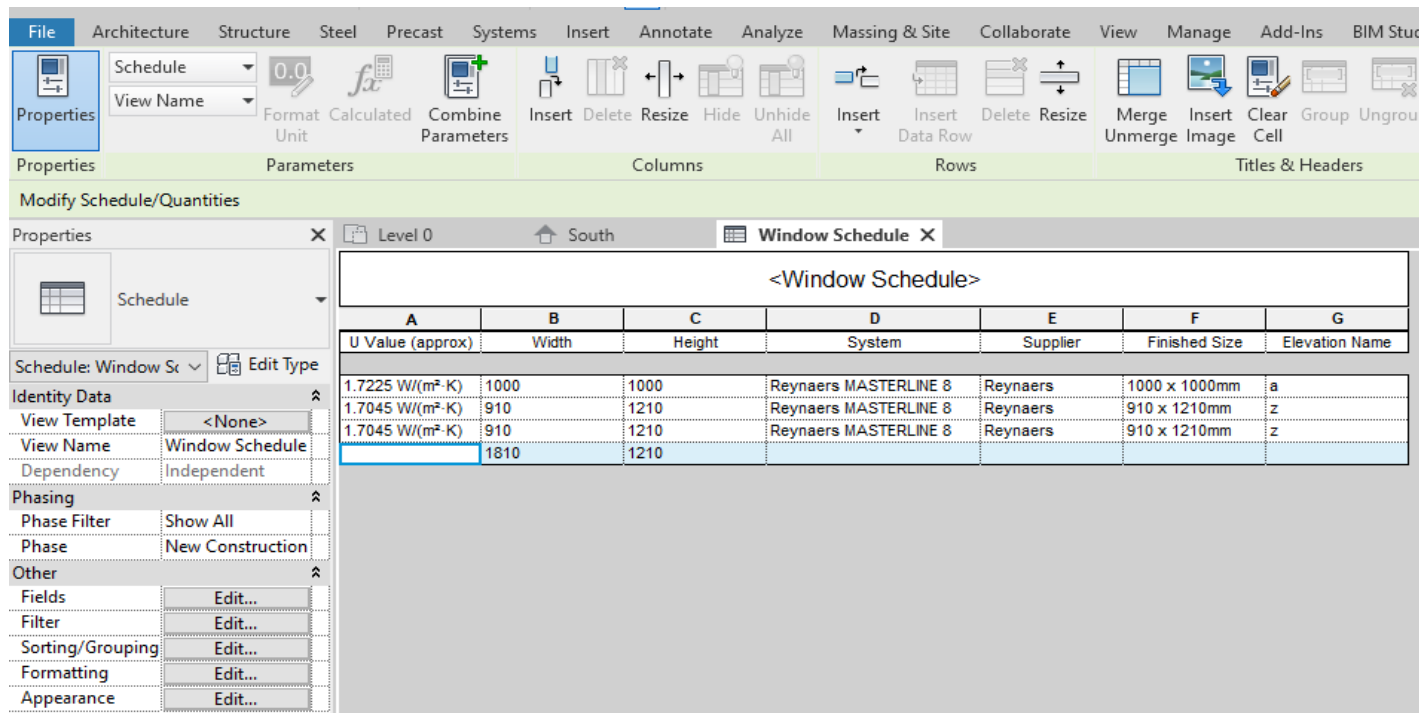
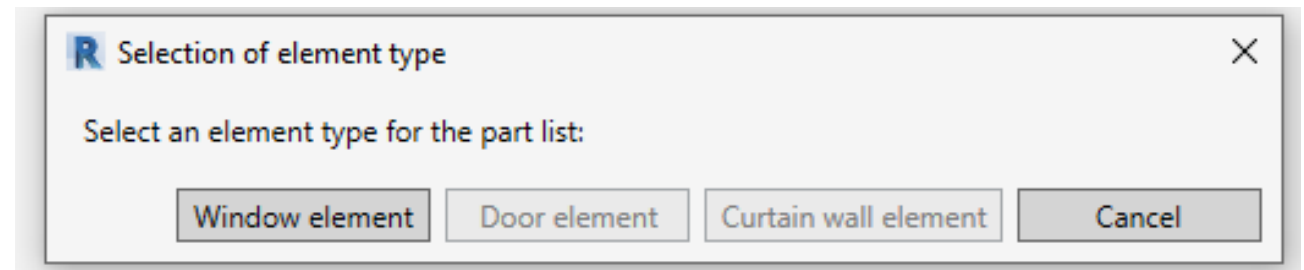
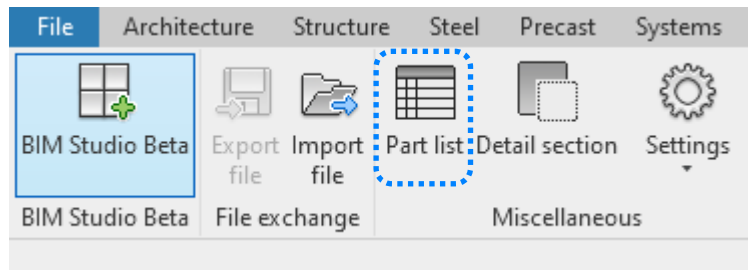
BIM Studio

01 Instellingen in Revit => Detail section: niet-gekoppelde, specifieke details die geen deel uitmaken van het gemodelleerde ontwerp (Drafting View)



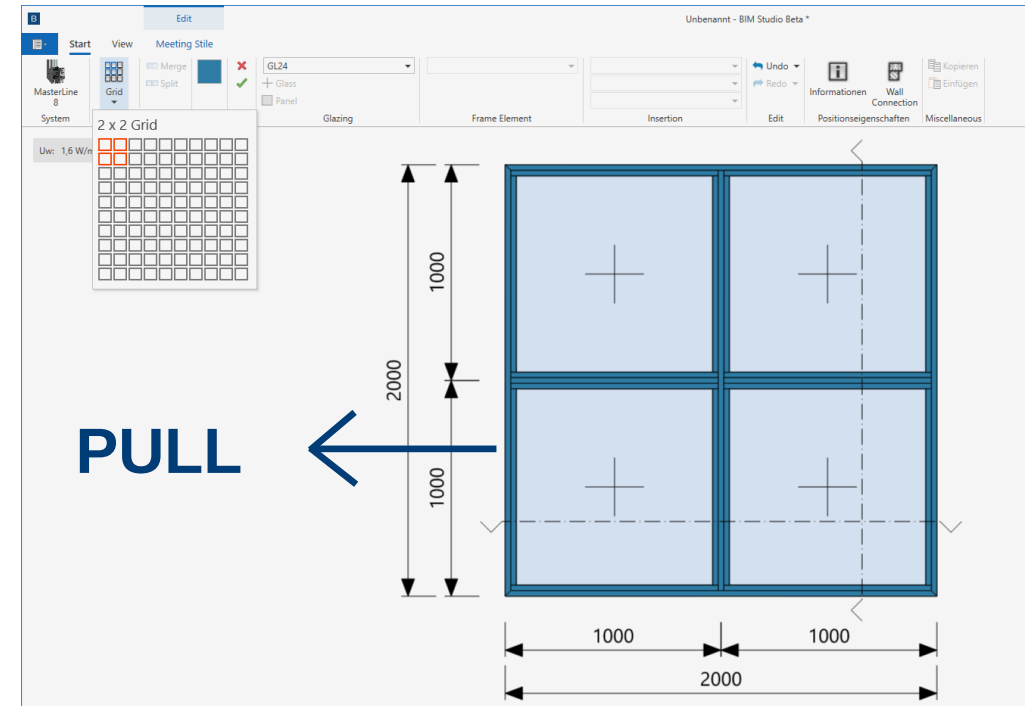
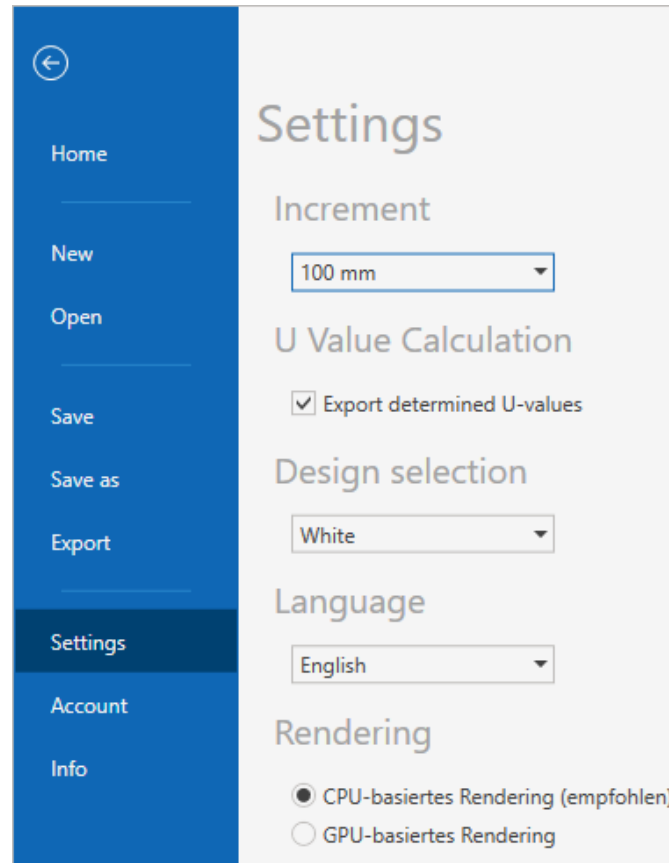
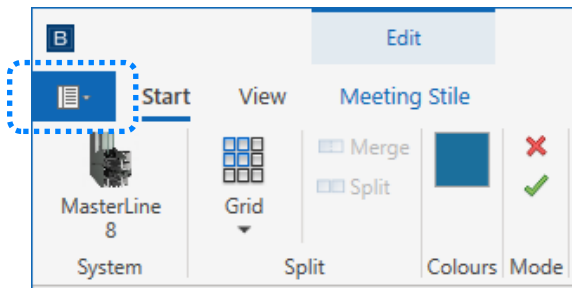
BIM Studio

01 Instellingen in Revit => Onderdelenlijst: Een schedule kan elke instantie van het elementtype weergeven (geëxtraheerd uit de eigenschappen)



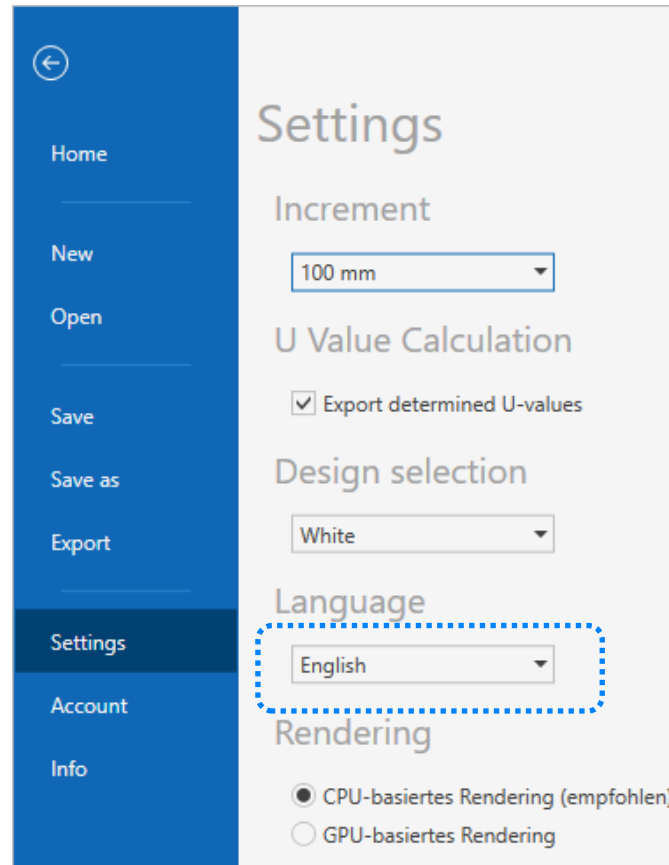
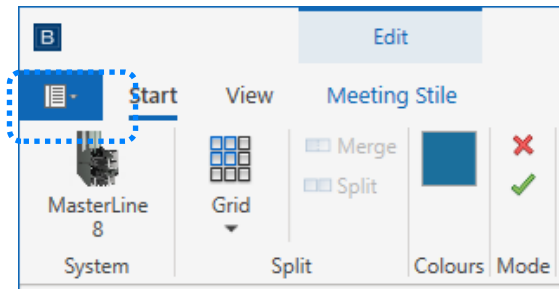
BIM Studio

02 Instellingen in BIM Studio => In de BIM Studio applicatie zijn er ook instellingen die gewijzigd kunnen worden.
Increment = Stapwijdte= bepaalt met hoeveel mm het rooster wijzigt bij gebruik van de sleepfunctie

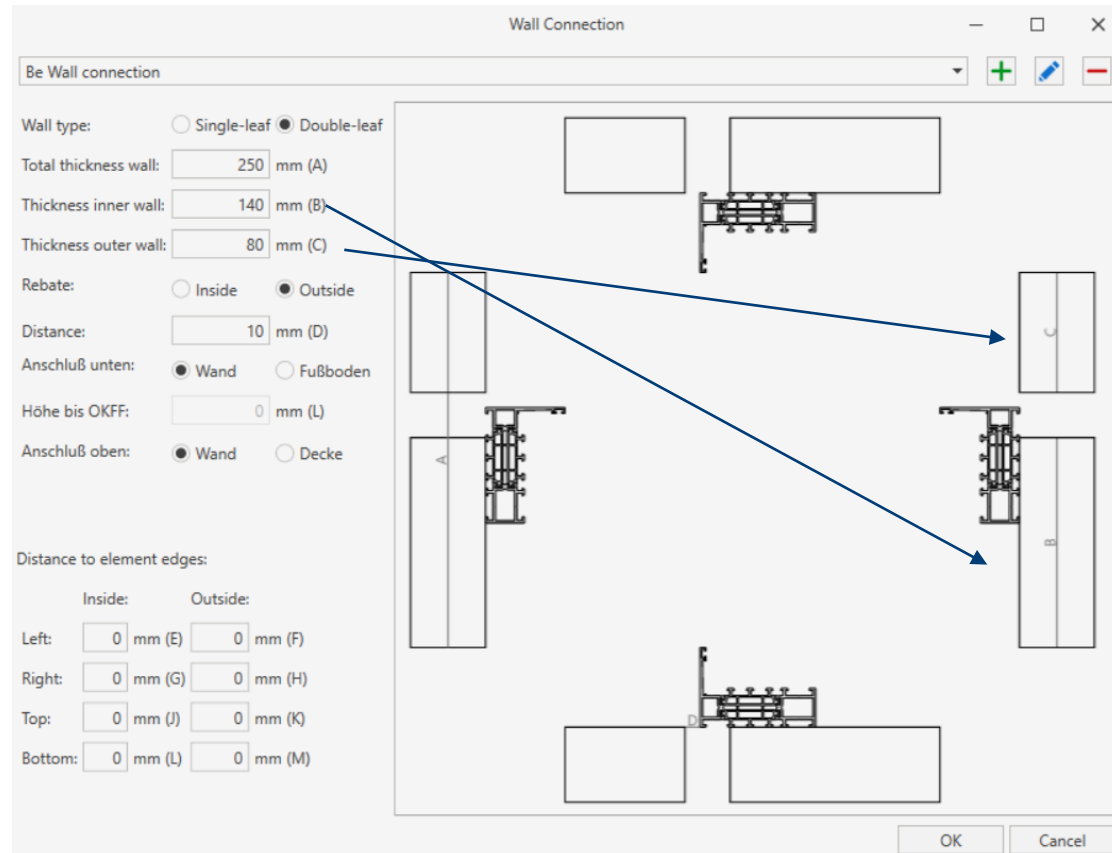


02 Instellingen in BIM Studio => In de BIM Studio applicatie zijn er ook instellingen die gewijzigd kunnen worden.

Language



03 Wandaansluiting: doormiddel van deze functie kan met het element op de juiste plek plaatsen in de muur. Merk op dat men een laag buitenmuur, binnenmuur en spouw kan creëren.



03 Wandaansluiting

Wall Connection

Be Wall connection

Wall type: ☐ Single-leaf ☒ Double-leaf

Total thickness wall: mm (A)

Thickness inner wall: mm (B)

Thickness outer wall: mm (C)

Rebate: ☒ Inside ☐ Outside

Distance: mm (D)

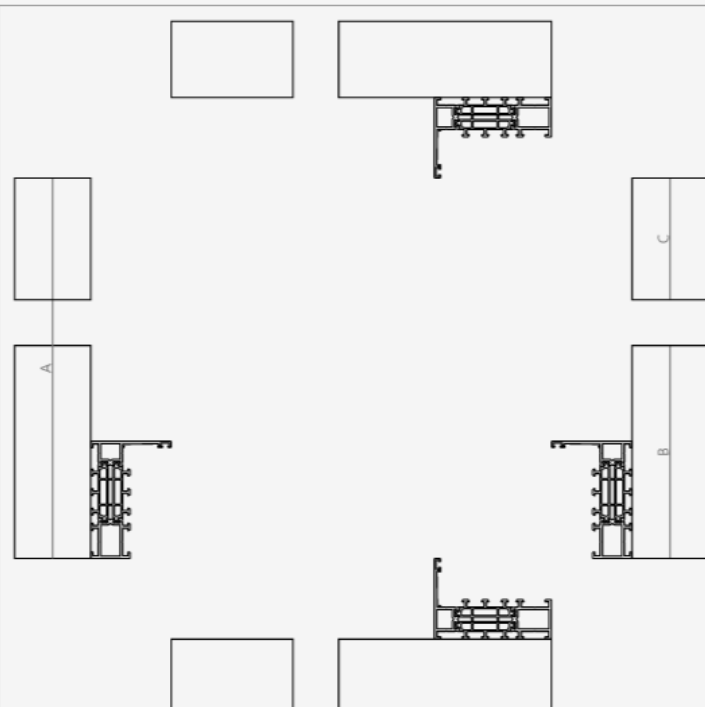
Anschluß unten: ☒ Wand ☐ Fußboden

Höhe bis OKFF: mm (L)

Anschluß oben: ☒ Wand ☐ Decke

Distance to element edges:

	Inside:	Outside:
Left:	0 mm (E)	0 mm (F)
Right:	0 mm (G)	0 mm (H)
Top:	0 mm (J)	0 mm (K)
Bottom:	0 mm (L)	0 mm (M)



Wall Connection

Be Wall connection

Wall type: ☐ Single-leaf ☒ Double-leaf

Total thickness wall: mm (A)

Thickness inner wall: mm (B)

Thickness outer wall: mm (C)

Rebate: ☐ Inside ☒ Outside

Distance: mm (D)

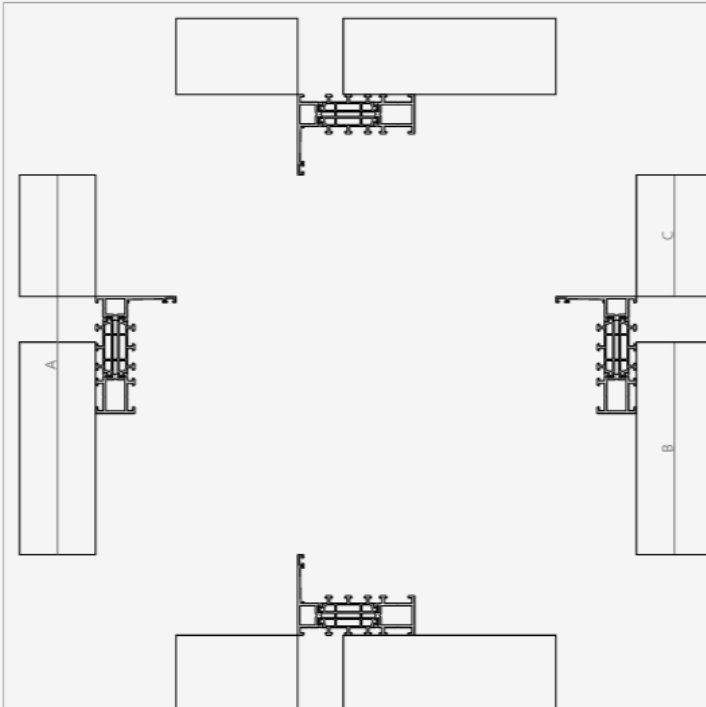
Anschluß unten: ☒ Wand ☐ Fußboden

Höhe bis OKFF: mm (L)

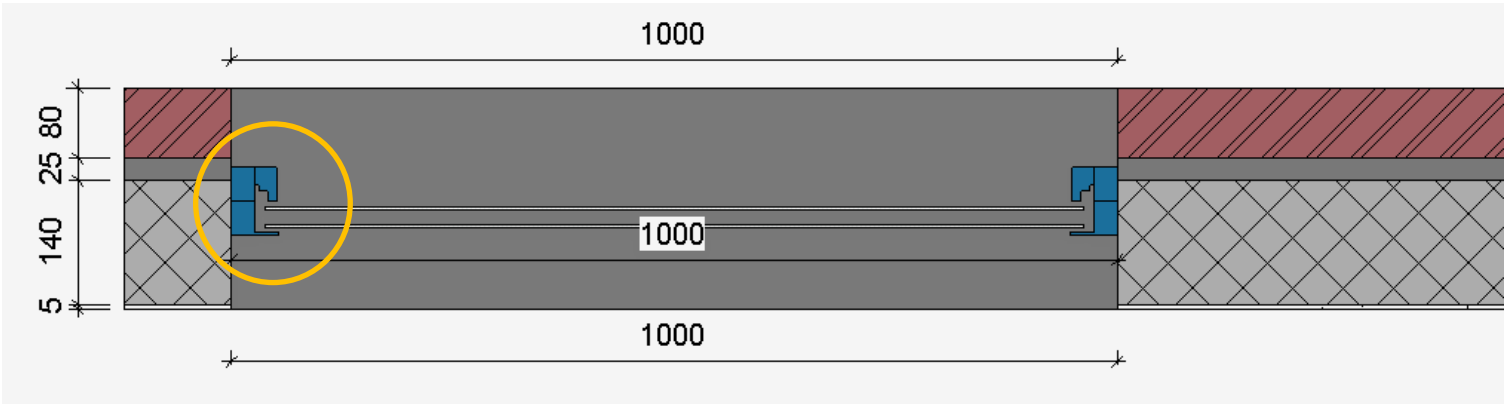
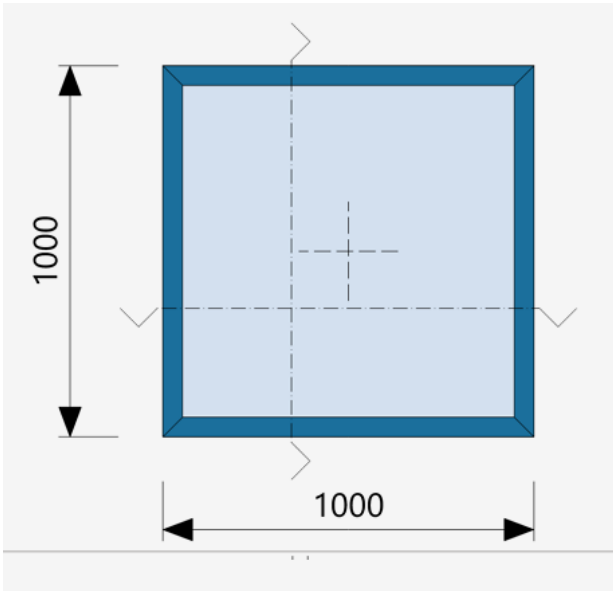
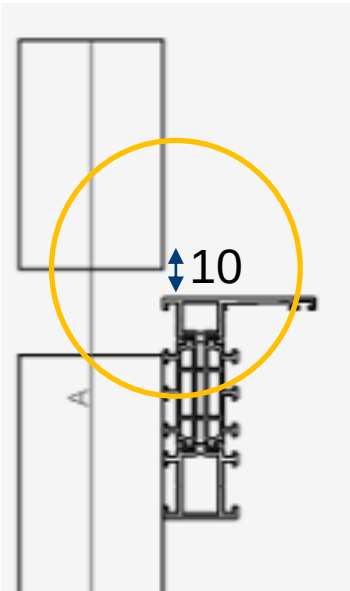
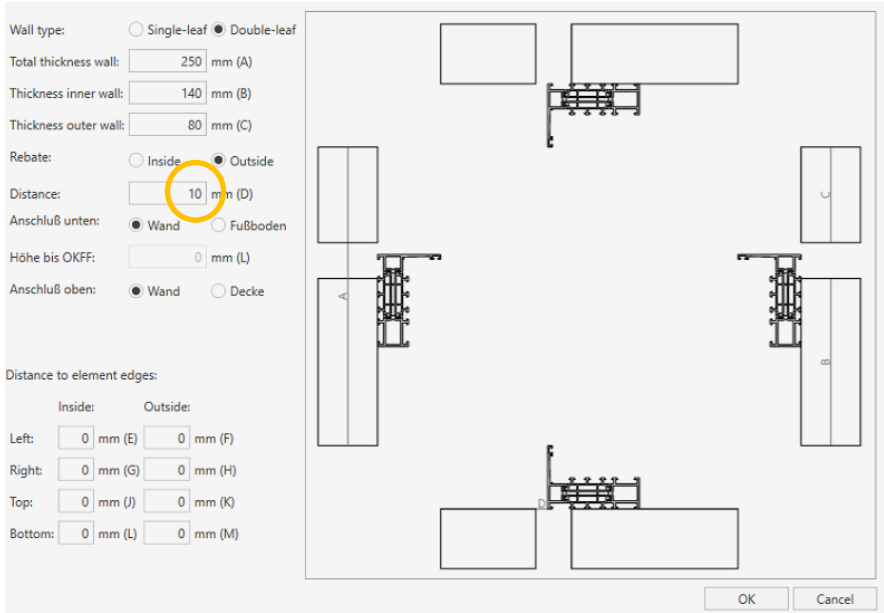
Anschluß oben: ☒ Wand ☐ Decke

Distance to element edges:

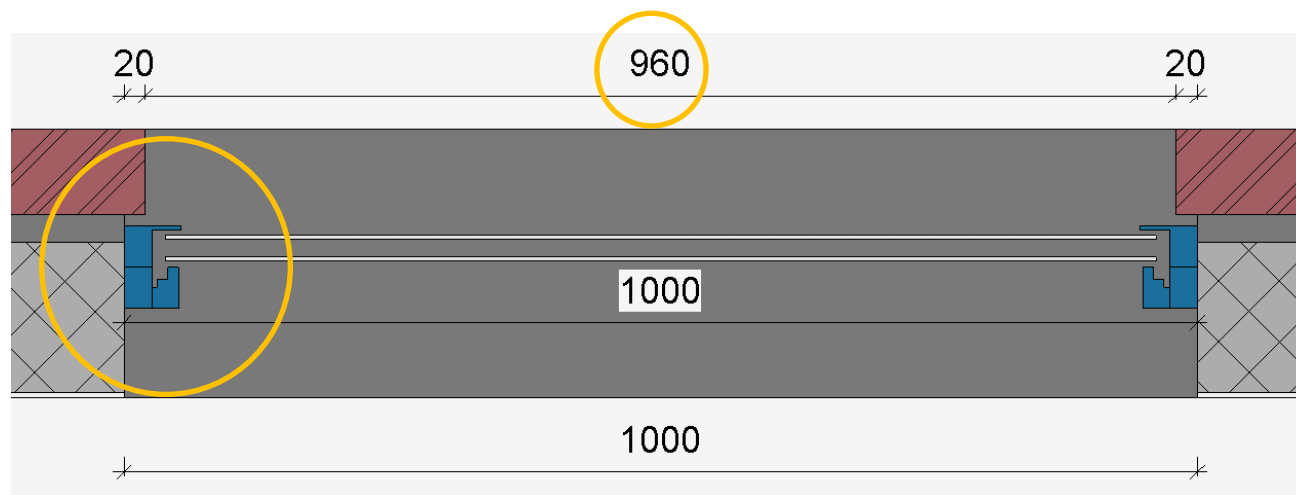
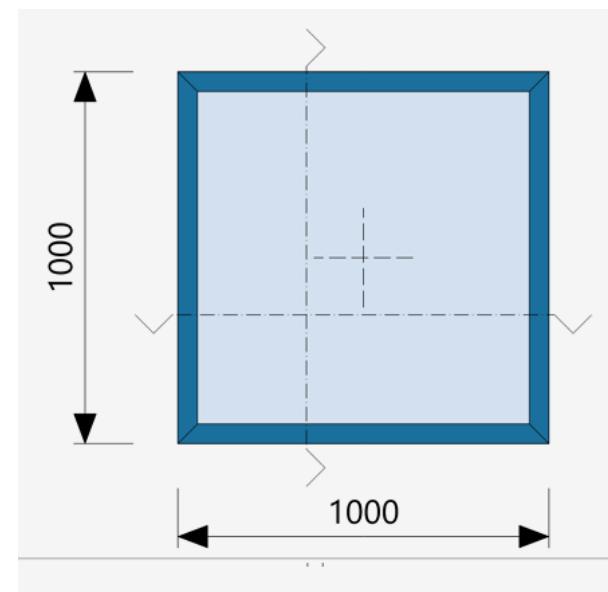
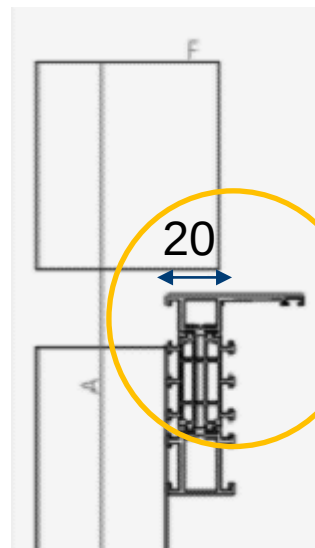
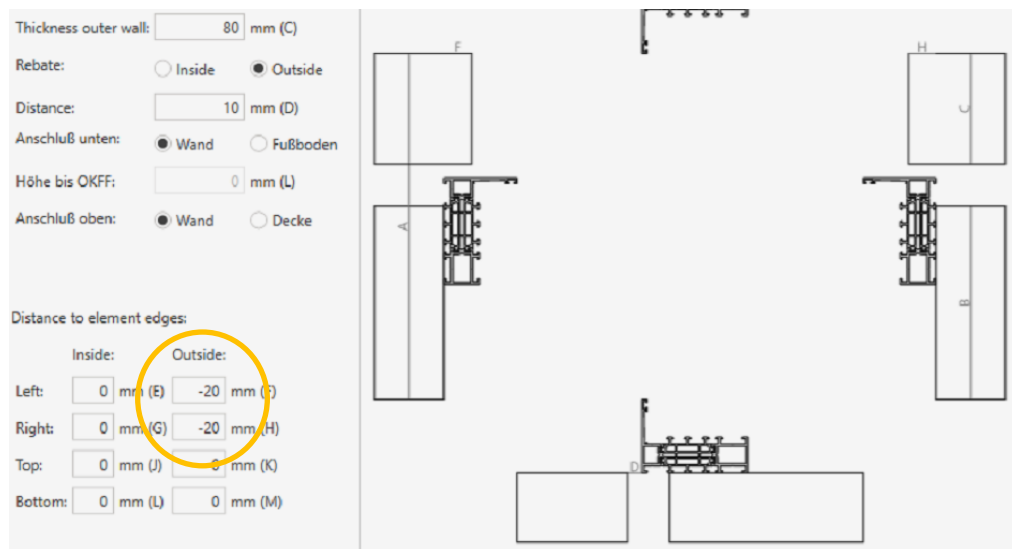
	Inside:	Outside:
Left:	0 mm (E)	0 mm (F)
Right:	0 mm (G)	0 mm (H)
Top:	0 mm (J)	0 mm (K)
Bottom:	0 mm (L)	0 mm (M)



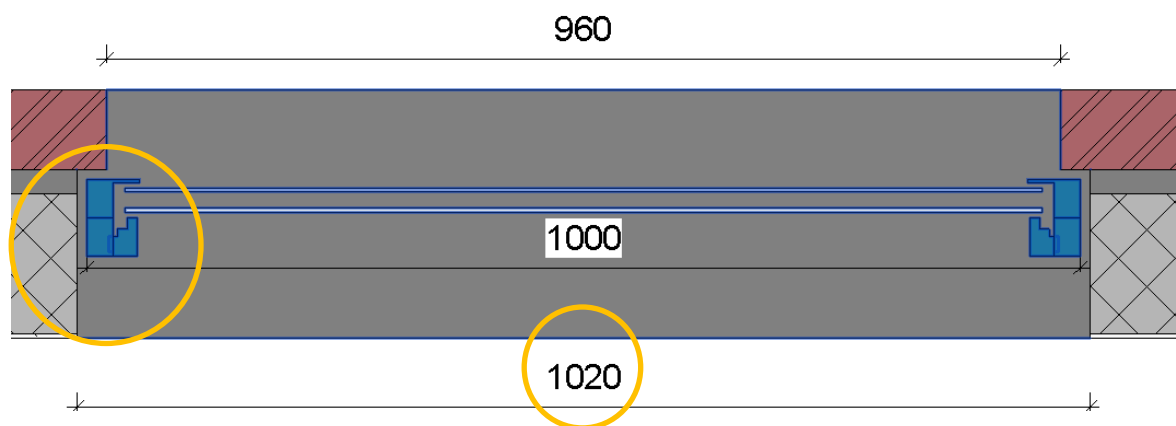
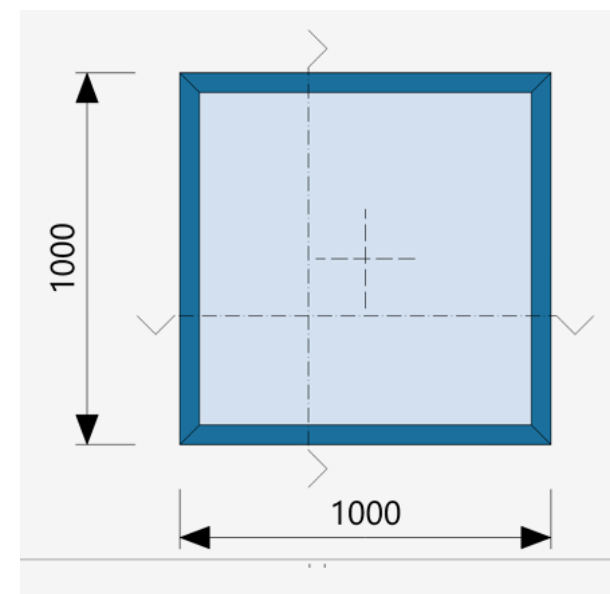
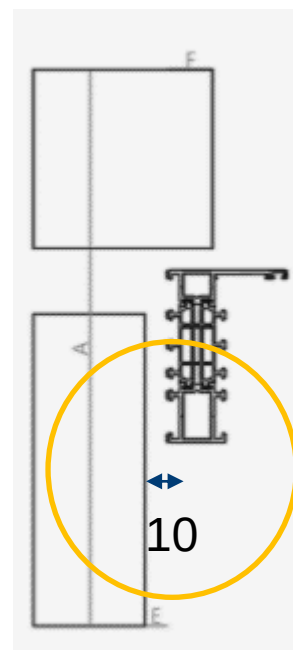
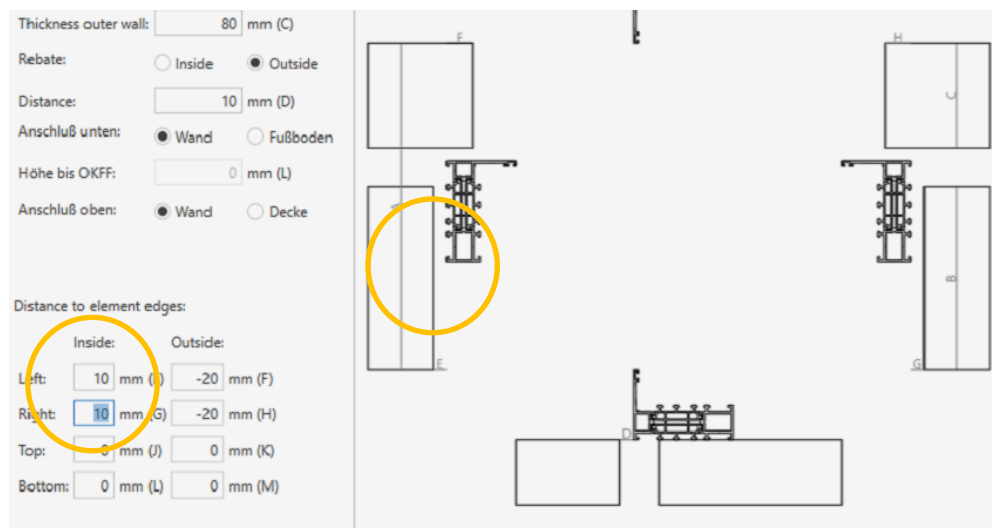
03 Wandaansluiting



03 Wandaansluiting



03 Wandaansluiting





**Together
for better**