CS 77

EURO AMERICA WINDOWS

WINDOW

4 MODELS

→ Inward Opening, Single Vent

→ Inward Opening, Double Vent

→ Outward Opening, Single Vent

→ Outward Opening, Double Vent

Download:

EURO AMERICA WINDOWS

OPTIONS INSIDE THE MODEL

BUILDING CONNECTION

→ Type A: Netherlands

→ Type B: Belgium

→ Type C: International

DESIGN VARIANTS

→ Functional

→ Softline

→ Renaissance

→ Block Frame

DIMENSIONS

→ Height and width element

→ Visible width frame

→ Visible width vent

→ Panel thickness

→ Shutter roll height

FEATURES

→ Shutter

→ Sill

OPENING DIRECTION

→ DIN R

→ DIN L

→ Tilt

MATERIALS

→ Color inside/outside profile

→ Panel material

→ Shutter roll material

ANALYTICAL PARAMETERS

→ Information parameters similar to information on website

LEVEL OF DETAIL

→ Only Bounding Boxes

CS 77

1 MODEL

→ Inward Opening, Single Vent

Download:

EURO AMERICA WINDOWS

OPTIONS INSIDE THE MODEL

BUILDING CONNECTION

→ Type A: Netherlands

→ Type B: Belgium

→ Type C: International

CLOSING BOTTOM

→ Brush

DESIGN VARIANTS

→ Functional

→ Softline

→ Renaissance

DIMENSIONS

→ Height and width element

→ Visible width frame

→ Panel thickness

→ Shutter roll height

FEATURES

→ Shutter

OPENING DIRECTION

→ DIN R

→ DINL

MATERIALS

→ Color inside/outside profile

→ Panel material

→ Shutter roll material

ANALYTICAL PARAMETERS

→ Information parameters similar to information on website

LEVEL OF DETAIL

→ Only bounding boxes

BIM (Building information Modelling)

Euro America BIM MODELS

Building Information Modelling (BIM) is an intelligent 3D model-based process where building information is shared between all members involved in the building process. AEC professionals like architects, engineers, general contractors and fabricators use BIM to plan, design, construct and build in a more efficient way. Architects can use the Euro America BIM models from the start of the conceptual design stage, for better visualization all the way to the realisation of the building, generating window schedules with detailed info on the used elements.

The Euro America BIM models are completely parametric and include different design types, building connections and optional add-ons such as sills and shutters.

The online zip-files include different options within one system such as outward and inward opening, and single and double vent. All models are downloadable on the Euro America architect website and the website of Bimobject.

DIMENSION PARAMETERS

General parameters

Height EXT: Visible opening in outside wall
Width EXT :   Visible opening in outside wall
Wall exterior width :   Distance between front of the outer wall and front of the window (default 95mm)
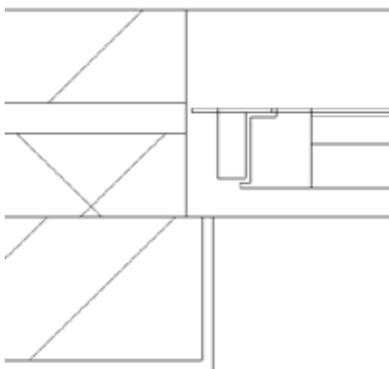
Building Connections Type A-B-C

Building connections differ between countries. Euro America BIM models include parametrical building connection information. For the convenience of the user we have predefined three types of connections (Type A, B, C) most commonly used worldwide.

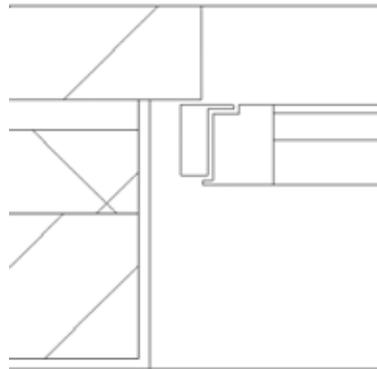REY Building Connection Type A : Opening wall exterior > Opening wall interior
REY Building Connection Type B : Opening wall exterior < Opening wall interior
REY Building Connection Type C : Opening wall exterior = Opening wall interior
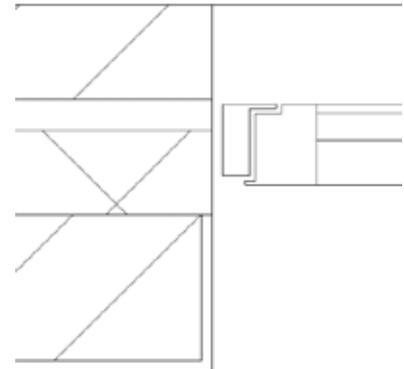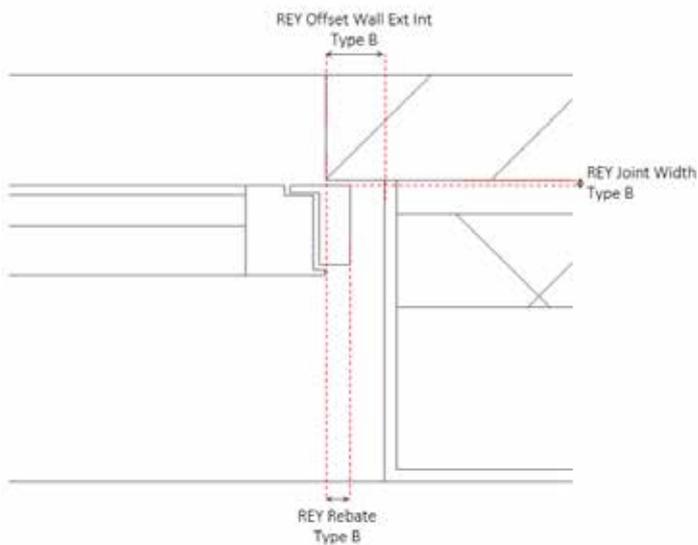
TYPE A

TYPE B

TYPE C

Parameters for Building Connections:

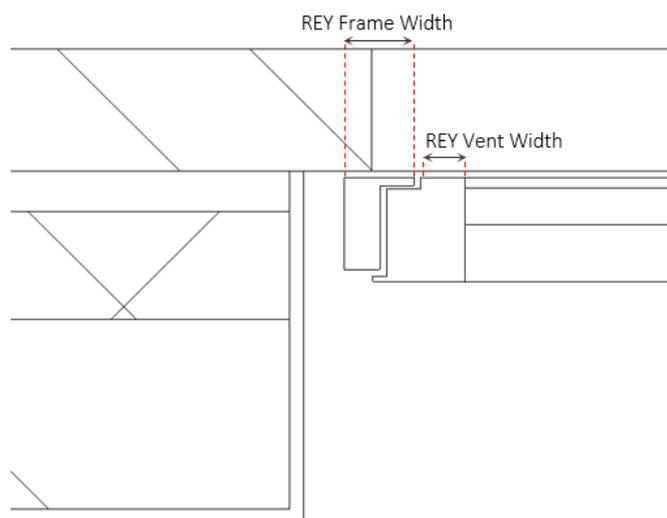|	
REY Rebate :	Distance between window and outside wall
REY Offset Wall Ext Int :	Distance between inside- and outside wall
REY Joint Width :	Distance between the inside of the outside wall and the front of the window profile

Other Parameters

REY Panel Thickness:	Thickness of the panel/glass (possibilities in brackets)
REY Fixation Bottom:	Distance between bottom side of the window and top of the inner wall
REY Joint Bottom:	Distance between top of the inner wall and top of the outer wall
REY Shutter Roll Height:	Height of the shutter roll (if activated)

OTHER PARAMETERS

REY Frame Width:	Visible width of the frame (possibilities in brackets)
REY Vent Width:	Visible width of the vent (possibilities in brackets)

GRAPHICAL PARAMETERS

Design parameters

REY Functional	Standard variant (Ex. CS 77)
REY Softline	Softline variant (Ex. CS 77-So)
REY Renaissance	Renaissance variant (Ex. CS 77-Re)

Functional   *Softline*   *Renaissance*

Option parameters

REY Block Frame	Block frame variant
REY Sill	Profile for hidden drainage
REY Shutter	Shutter
REY Panel Opening Direction	Plan view (possibilities: turn and tilt)

Block Frame   *Sill*   *Shutter*

MATERIALS AND FINISHES

Materials for the profiles (inside and outside), the panel and the shutter roll can be chosen.

Euro America materials

The most popular RAL colours are created as Euro America materials and can be transferred to your project or your own template:
RAL 9005, RAL 7021, RAL 7016, RAL 9010, RAL 9001 and RAL 7039

ANALYTICAL PARAMETERS

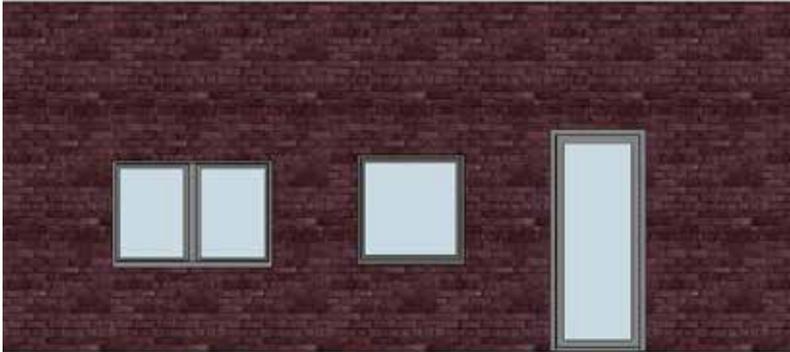List of analytical parameters that can be used in calculations.
For example: REY Panel Surface Total, REY Panel Surface Visible, REY Uf, REY Rw, REY Air Tightness, REY Wind Load Resistance, REY Water Tightness, REY Burglar Resistance, REY Fire Resistance,…

EURO AMERICA TEMPLATE

The Euro America template consists of a standard wall, a schedule and a limited amount of materials

Euro America **schedule:** Euro America **TOTAL**
Using the Euro America schedule "Euro America, TOTAL" detailed information of all configurations used in your project will be listed. Information such as element width/height , frame and vent width, panel dimensions, can be used by a Euro America fabricator as input for Reynapro , our internal calculation system.

A Family and Type	B Width EXT	C Height EXT	D Width INT	E Height INT	F REY Element Width
Reynaers_CS 77_Window_Inside Opening_Single Vent: Reynaers_CS 77_Window_Inside Opening_Single Vent	1000	1000	1100	1000	1040
Reynaers_CS 77_Window_Inside Opening_Double Vent: Reynaers_CS 77_Window_Inside Opening_Double Vent	1500	1000	1600	1050	1540
Reynaers_CS 77_Window Door_Inside Opening_Single Vent: Reynaers_CS 77_Window Door_Inside Opening_Single Vent	900	2100	1000	2142	940