

# GLASS SKIN

Design Guide

## GLASS SKIN

Glass Skin is an office partition of superior performance, conceptualized for high-end projects where the concepts of robustness and minimalism are both present.

It's a structural partition that gives the feeling that it is built of only glass, with no vertical profiles on sight, where the glasses are given a ceramic paint of 33 mm.

Glass Skin's design was developed in order to enable an acoustic performance of 40 dB Rw and up to 49 dB Rw, without compromising its aesthetics.



GLASS SKIN  
Design Guide

## GLASS SKIN

### FLOOR AND CEILING TRACK

Constitution: Aluminium with a 1.7mm thickness including 4x8mm adhesive mousse

Dimension: Glass Skin profile floor and ceiling track with 42,5 x 64,4 mm dimensions



GLASS SKIN  
Design Guide

## GLASS SKIN

### GLASS MODULES

Constitution: 1,5mm thick aluminium with a 20x1mm double sided adhesive 3M strip to accommodate the glasses

Dimension: Male and Female Glass Skin Profile, each with 54x33 mm dimensions with a total thickness of 108mm

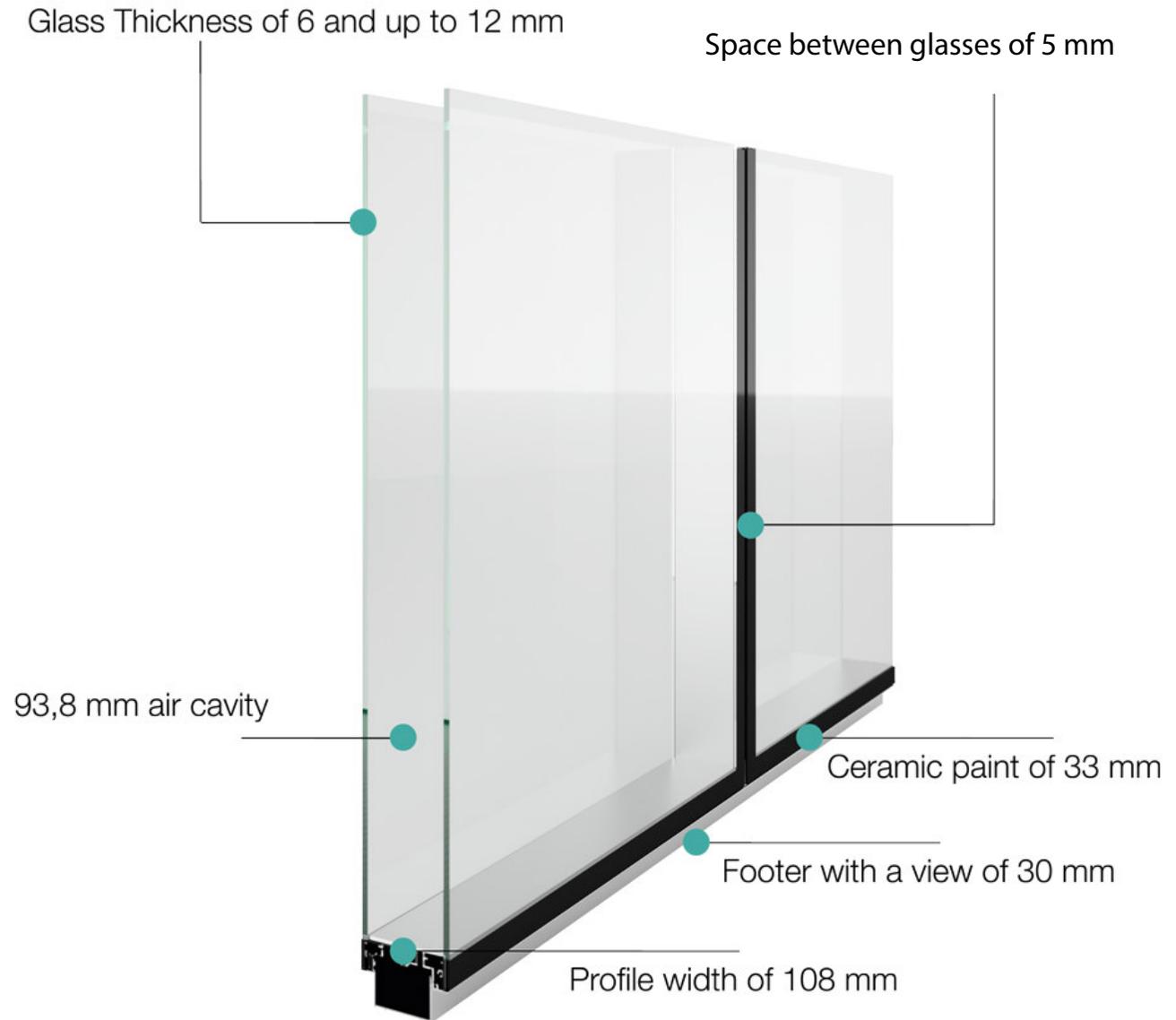
### GLASS

Two glasses with an air gap between them of 93,8mm. One is a 6mm tempered or laminated glass and the other an 8mm tempered or laminated glass. Both glasses receive a ceramic paint on its frame (RAL colour to define)

### MAXIMUM MODULATIONS

Modules must have a maximum of 3200mmx1200mm (other modulations can be analysed on a project-by-project basis)

GLASS SKIN  
Design Guide



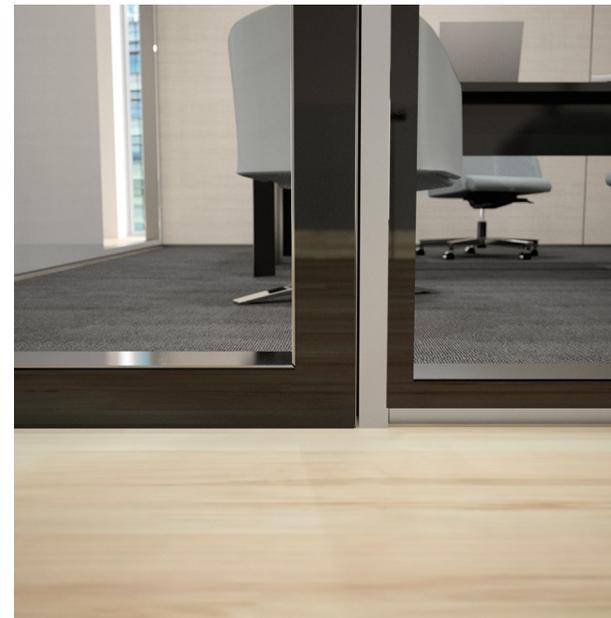
## GLASS SKIN

### PORTA

Door with a 108mm thickness in an aluminium frame, receiving an 8mm tempered glass on the corridor side and a 6mm tempered glass on the office side (both glasses receive a ceramic paint)

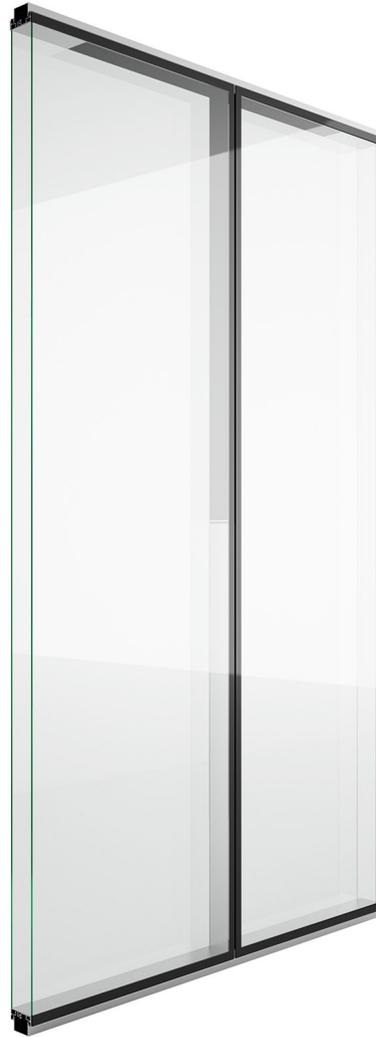
Door also receives double sealing rubber and an acoustic sealing brush.

Maximum Door Size: 3000mmx1000mm

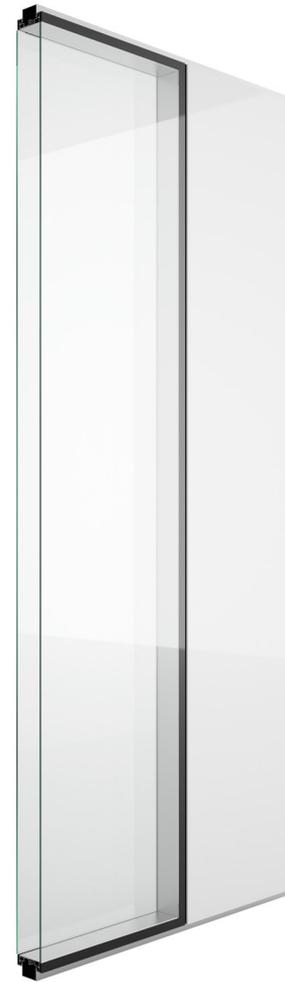


# GLASS SKIN

## TECHNICAL DETAILS



Glass Skin Modules



Glass Skin modules with PA 100 Opaque



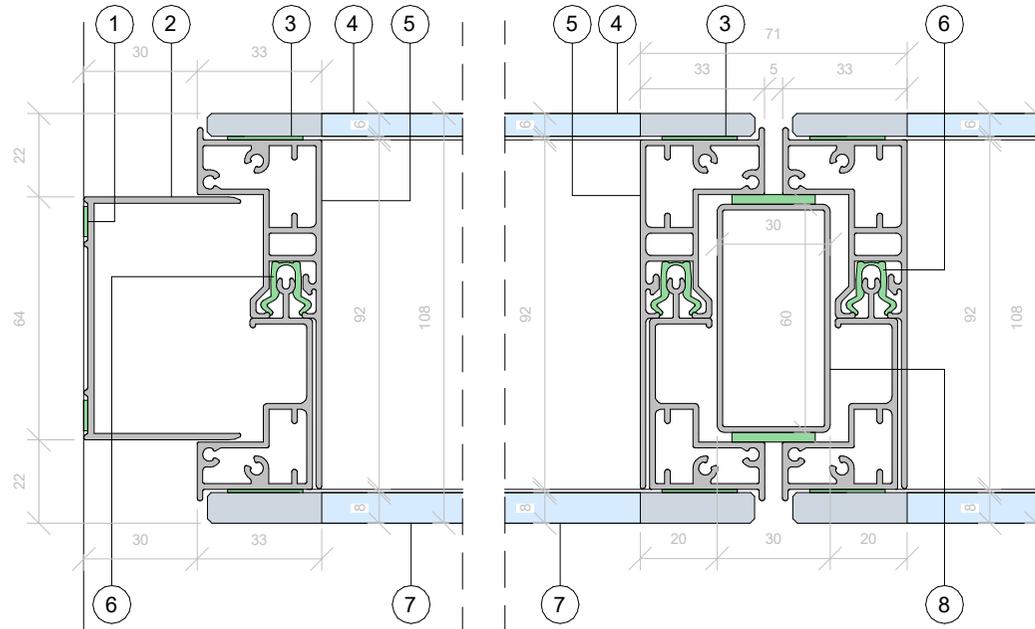
Glass Skin Door

# GLASS SKIN

## TECHNICAL DETAILS Glass Skin Panel

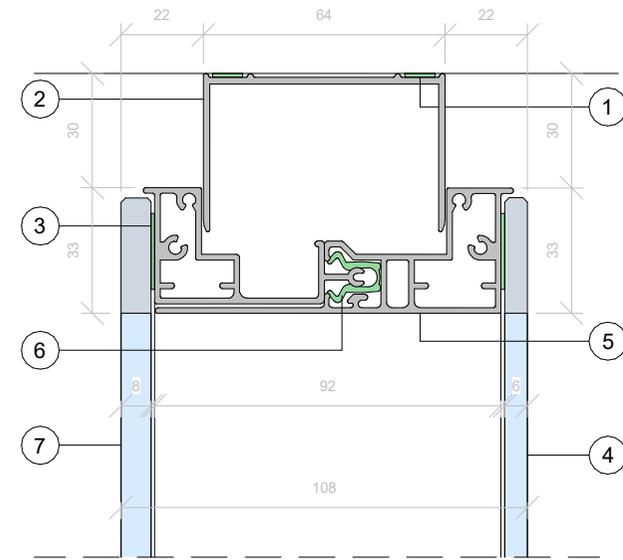
E: 1/2

1. Acoustic Foam
2. U Profile
3. THB Glue tape 20x1mm
4. 6mm Glass
5. Glass Skin Profile
6. Nylon Clip
7. 8mm Glass
8. 60x30 Galvanized Steel Tube
9. Leveler shim

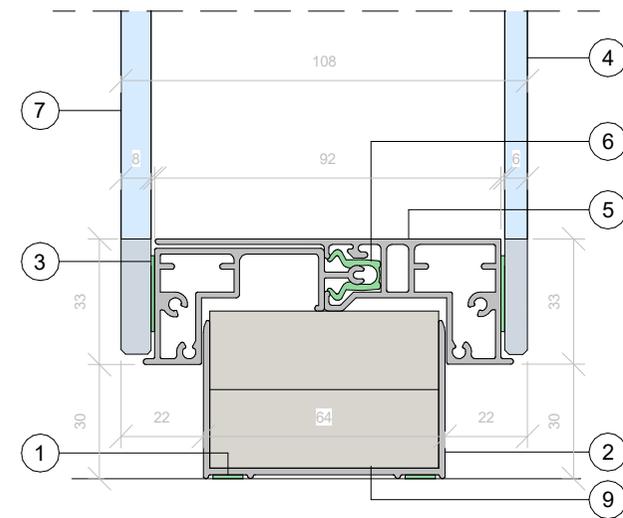
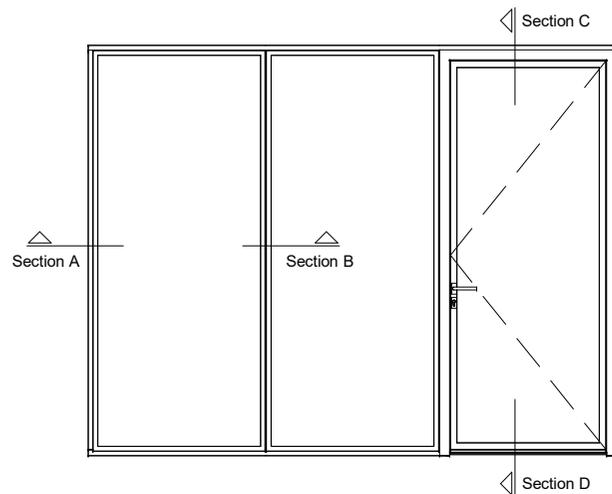


Section A

Section B



Section C



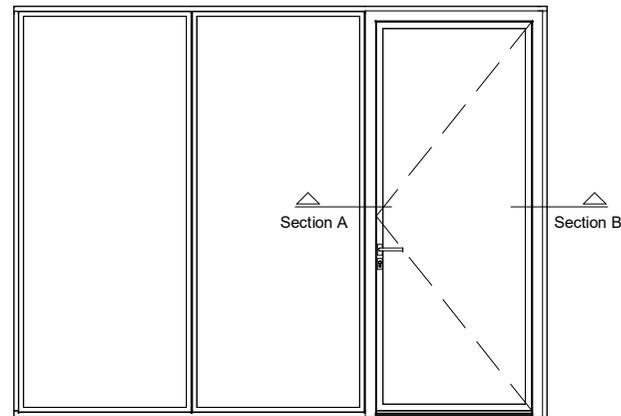
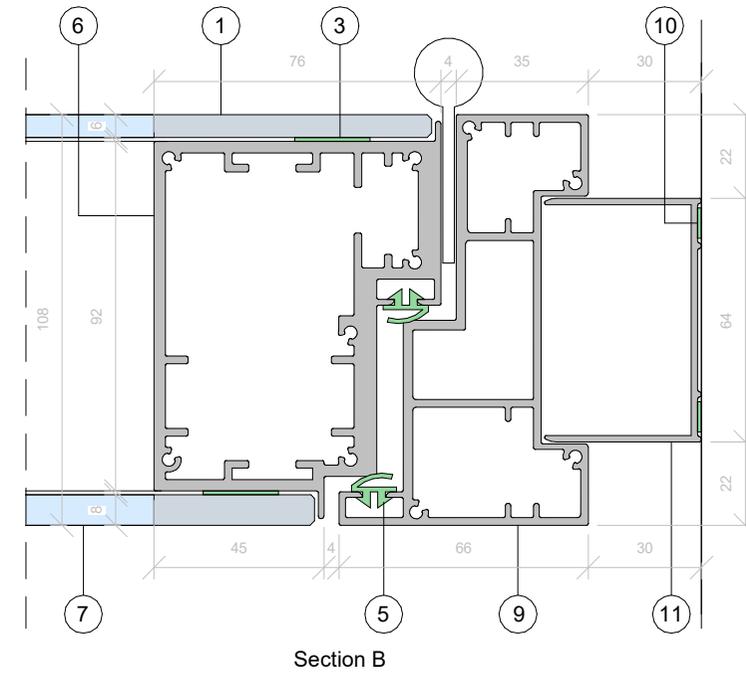
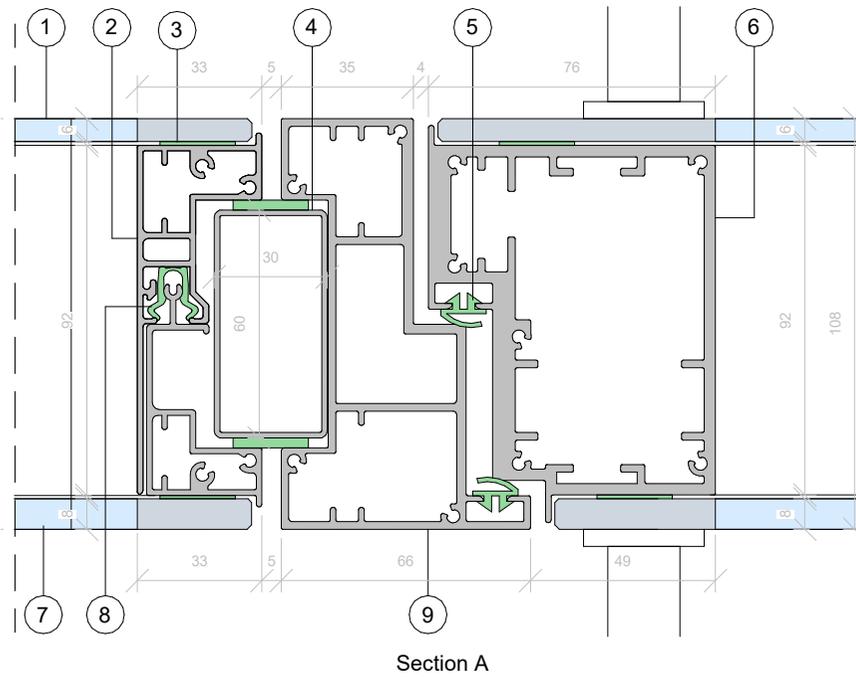
Section D

# GLASS SKIN

## TECHNICAL DETAILS Glass Skin Door

E: 1/2

1. 6mm Glass
2. Glass Skin Profile
3. THB Glue tape 20x1mm
4. 60x30 Galvanized Steel Tube
5. Door Rubber
6. Glass Skin Door Profile
7. 8mm Glass
8. Nylon Clip
9. Glass Skin Door Frame
10. Acoustic Foam
11. U Profile

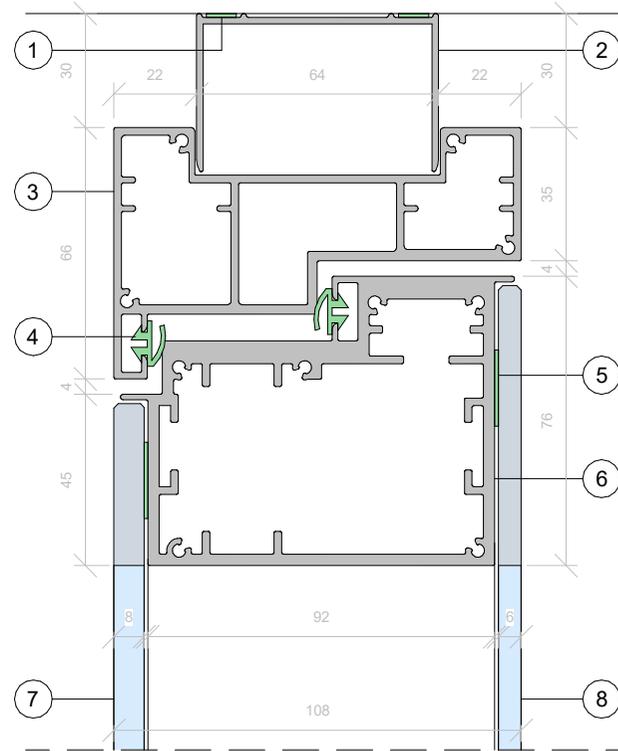


# GLASS SKIN

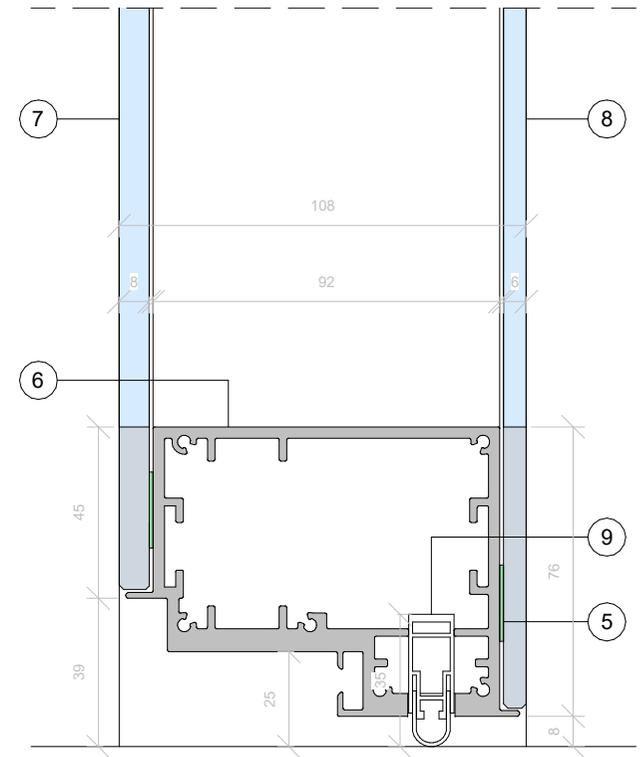
## TECHNICAL DETAILS Glass Skin Door

E: 1/2

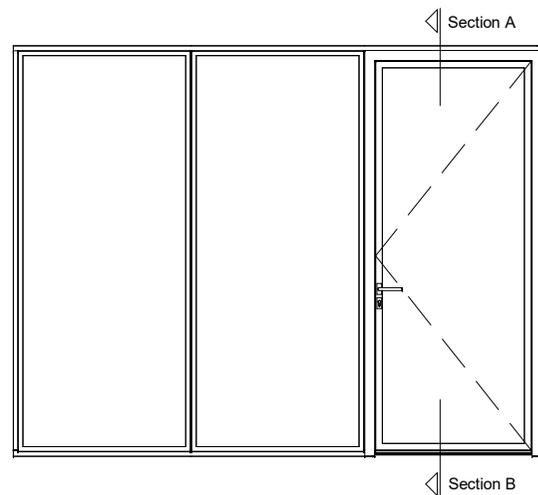
- 1. Acoustic Foam
- 2. U Profile
- 3. Glass Skin Door Frame
- 4. Door Rubber
- 5. THB Glue tape 20x1mm
- 6. Glass Skin Door Profile
- 7. 8mm Glass
- 8. 6mm Glass
- 9. Acoustic Drop Down Seal



Section A



Section B

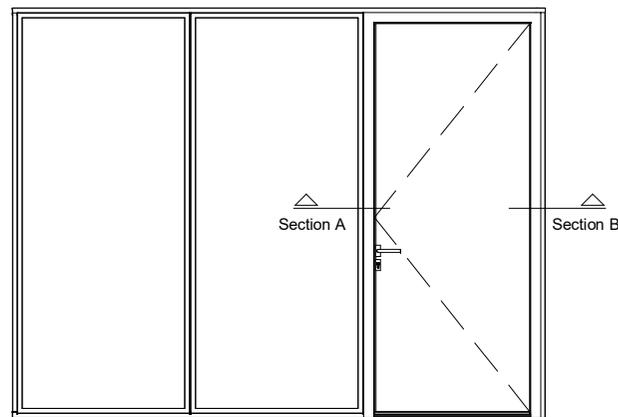
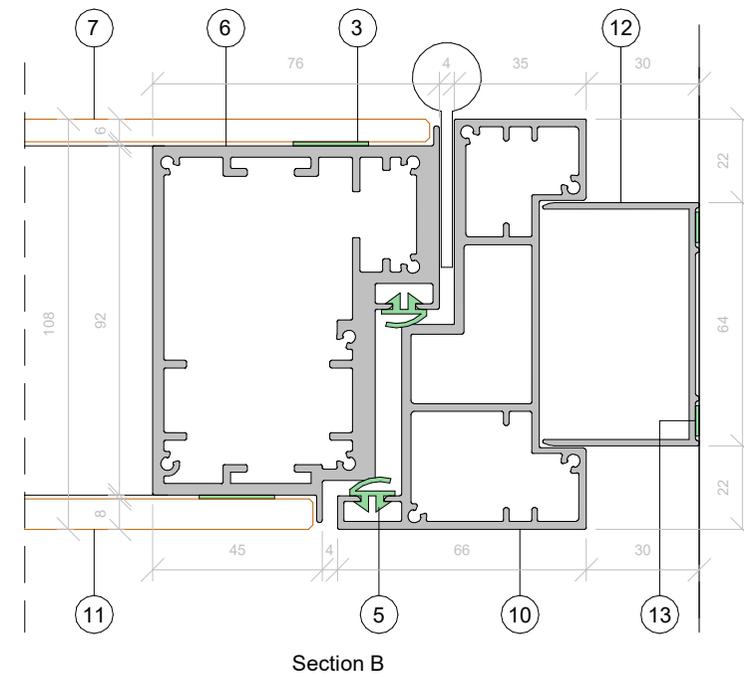
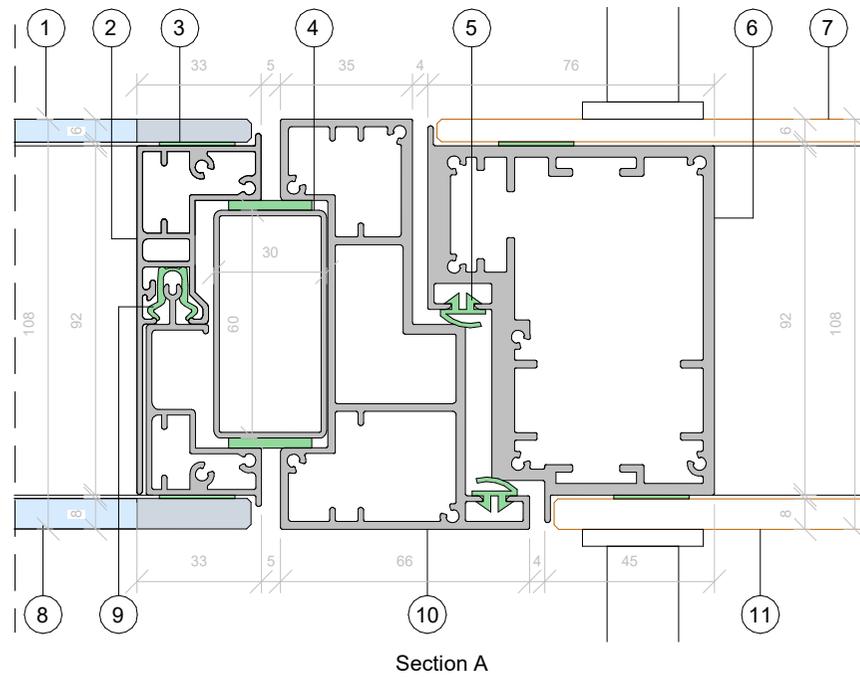


# GLASS SKIN

## TECHNICAL DETAILS Glass Skin Opaque Door

E: 1/2

1. 6mm Glass
2. Glass Skin Profile
3. THB Glue tape 20x1mm
4. 60x30 Galvanized Steel Tube
5. Door Rubber
6. Glass Skin Door Profile
7. 6mm Opaque Panel
8. 8mm Glass
9. Nylon Clip
10. Glass Skin Door Frame
11. 8mm Opaque Panel
12. U Profile
13. Acoustic Foam

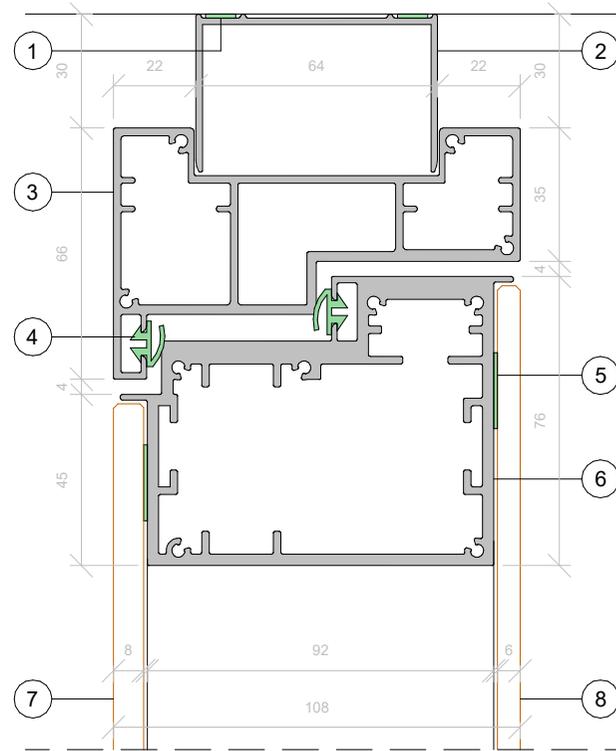


# GLASS SKIN

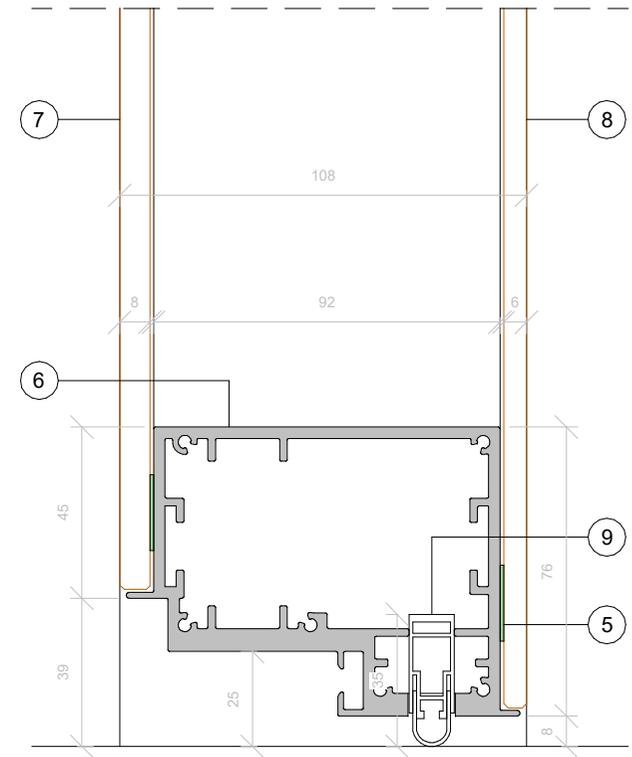
## TECHNICAL DETAILS Glass Skin Opaque Door

E: 1/2

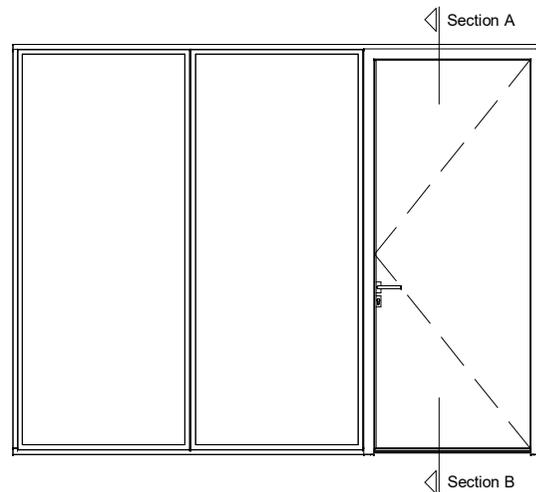
- 1. Acoustic Foam
- 2. U Profile
- 3. Glass Skin Door Frame
- 4. Door Rubber
- 5. THB Glue tape 20x1mm
- 6. Glass Skin Door Profile
- 7. 8mm Opaque Panel
- 8. 6mm Opaque Panel
- 9. Acoustic Drop Down Seal



Section A



Section B



# GLASS SKIN

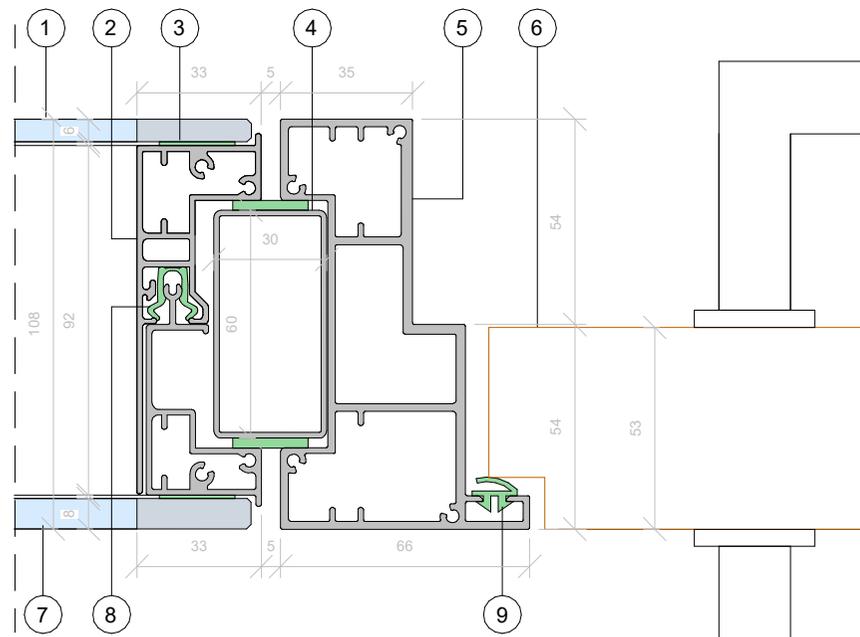
## TECHNICAL DETAILS

### 50mm Glass Skin

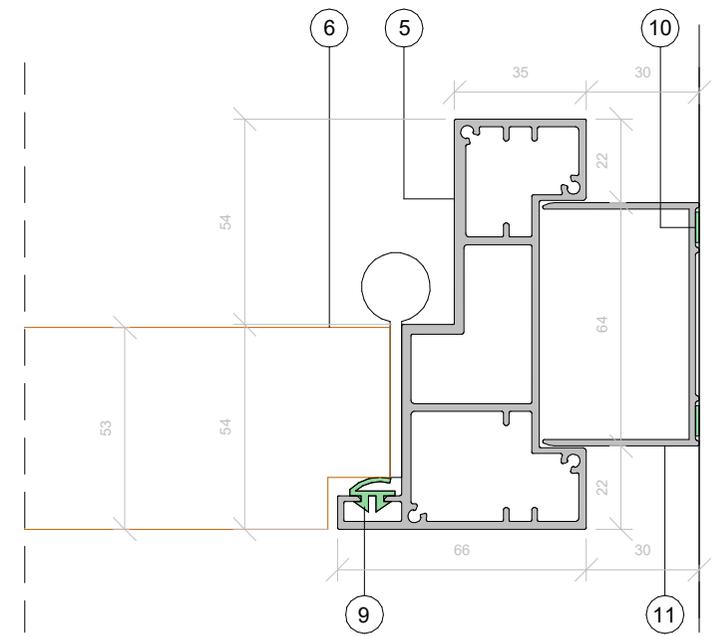
### Opaque Door

E: 1/2

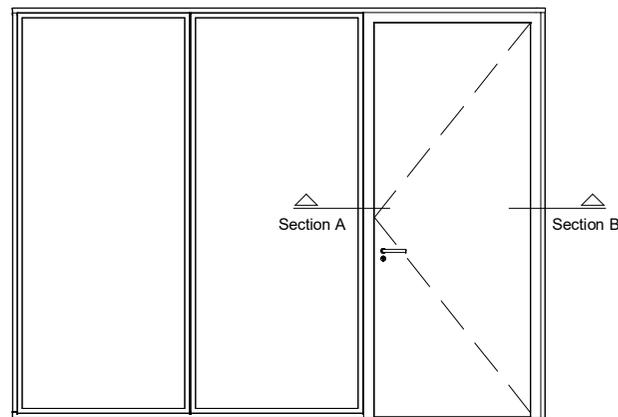
1. 6mm Glass
2. Glass Skin Profile
3. THB Glue tape 20x1mm
4. 60x30 Galvanized Steel Tube
5. Glass Skin Door Frame
6. 50mm Opaque Panel
7. 8mm Glass
8. Nylon Clip
9. Door Rubber
10. Acoustic Foam
11. U Profile



Section A



Section B

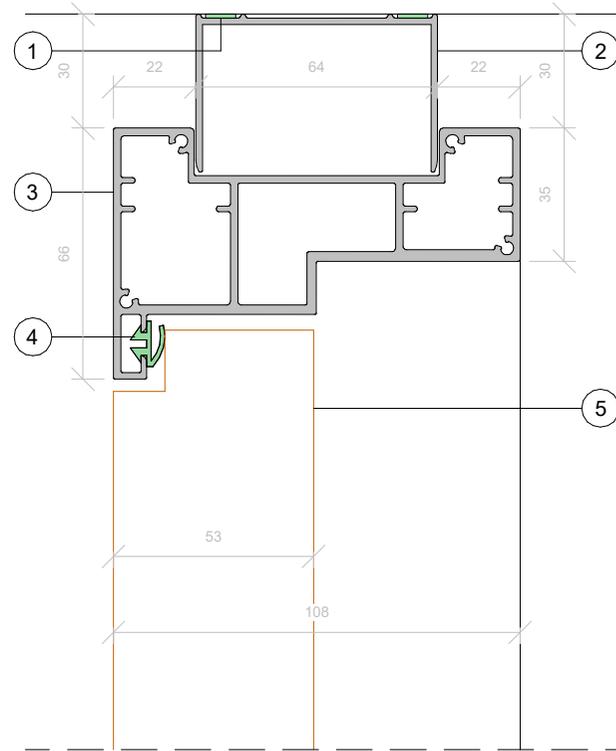


# GLASS SKIN

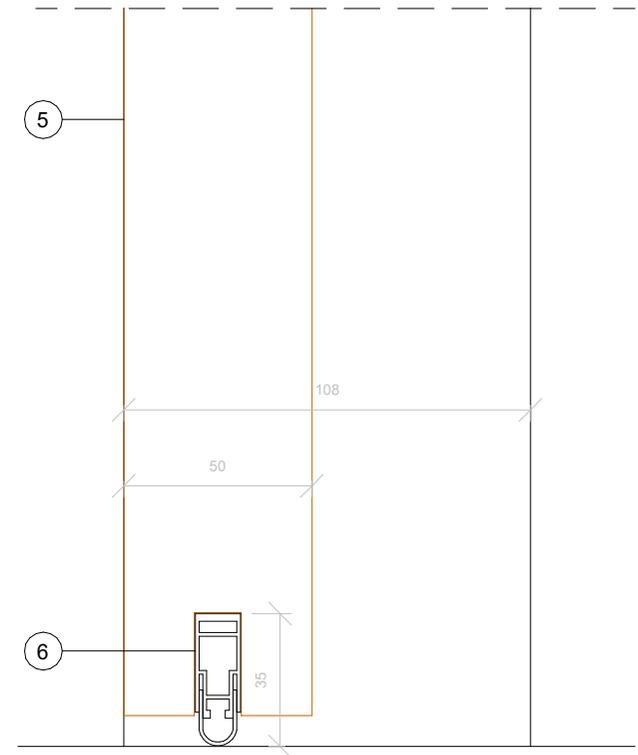
## TECHNICAL DETAILS 50mm Glass Skin Opaque Door

E: 1/2

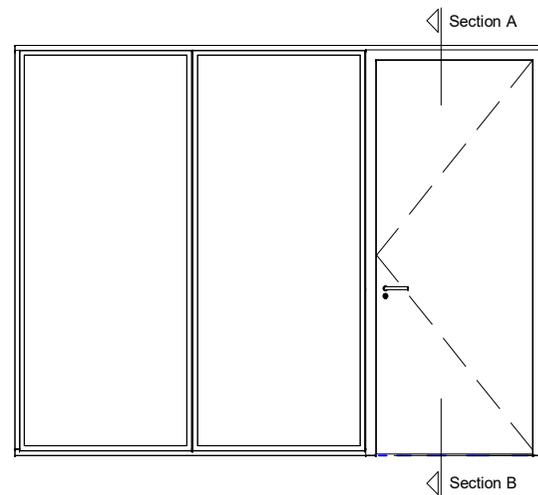
- 1. Acoustic Foam
- 2. U Profile
- 3. Glass Skin Door Frame
- 4. Door Rubber
- 5. 50mm Opaque Panel
- 6. Acoustic Drop Down Seal



Section A



Section B



## TECHNICAL DETAILS

### Components

## ALUMINIUM COMPONENTS

PRODUCT REFERENCE	DETAIL	DESCRIPTION	PRODUCT REFERENCE	DETAIL	DESCRIPTION
L82679		Glass Skin Male Profile	CA-75-57		U Profile
L82680		Glass Skin Female Profile	L82708		Glass Skin Door Frame
LA00050008		60x30 Galvanized Steel Tube	L82719		Glass Skin Door Profile

## OTHER COMPONENTS

PRODUCT REFERENCE	DETAIL	DESCRIPTION	PRODUCT REFERENCE	DETAIL	DESCRIPTION
- 4x8mm White for ceiling ( IS00030010 ) - 4x8mm Black for the floor ( IS00030009 )		Acoustic Foam	- Ellen Matic Soundproof for acoustic requirement - Ellen Matic Uniproof without acoustic requirement		Acoustic Drop Down Seal
Vedex AD0010 - black		Door Rubber	- 750P ( black ) - 750 NAT ( white )		Nylon Clip
A7200		THB Glue tape 20x1mm	1901P ( 59mm )		Leveler Shim



GLASS SKIN  
Design Guide

 LINE SYSTEMS



[www.linesystems.eu](http://www.linesystems.eu)

+966 554500668 / 559228829

+968 97940123 / 95653138

LS.MEA@phoenixdesign-ft.com