

# SYSTEMS CLIP-IN SILENCE™

SOUND • EDITION 8



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## SYSTEMS CLIP-IN SILENCE™

Sound-insulated unputtied fully-glazed wall

**Do you wish to enjoy the transparency of glass in peace and quiet, using an extremely flexible system?**

**SYSTEMS CLIP-IN SILENCE™ combines all of these desirable features.**

### Walls

The SYSTEMS CLIP-IN SILENCE™ uses SGG STADIP SILENCE®, which is glass layered using an acoustic foil PVB (SI). The acoustic foil has no effect whatsoever on the translucence of the glass. The layered glass also prevents people from walking or falling through the glass wall. The walls have been tested up to a noise reduction level of 60dB.

### Doors

SYSTEMS SILENCE DOOR™ is the collective name for these soundproof door systems, which can be used without creating noise leaks in the soundproof walls. This product range includes both hinging and pivoting doors. The doors have been tested by TNO and Peutz up to RW values of 32dB to 47dB.

#### PICTURE COVER

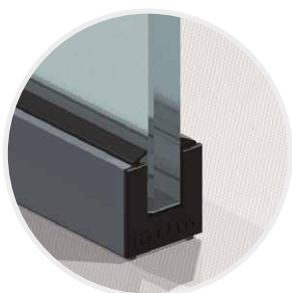
PROJECT	MCE Tennet - Arnhem
PRODUCT	wall - SYSTEMS CLIP-IN SILENCE 1338™ + CURVED, door - SYSTEMS SILENCE DOOR PC1337™
ARCHITECT	Studio Groen+Schild - Deventer



The details below constitute the basis of the unputtied fully-glazed SYSTEMS CLIP-IN SILENCE™ wall system. These basic details, which are included in all the variants of this unique unputtied wall system, are displayed on the following pages.

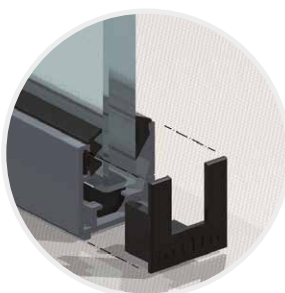
Details A and B display the structural connections for the CLICK25™ system. CLICK25™ is an optional aluminium section that can be installed without the use of putty. The CLICK25™ section is available in natural anodised aluminum (EV1), in stainless steel-look or in the client's preferred RAL colour. The glass couplers can be supplied in 3 models: CLIP-IN X-profile™ for straight couplings, CLIP-IN T-profile™ for panels positioned at right angles to the wall, and CLIP-IN H-profile™ for a 90 degree angled structure.

Detail A



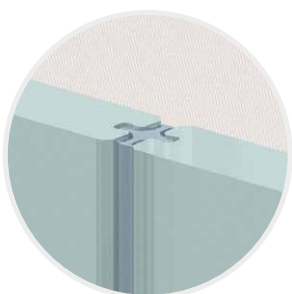
Basic detail of the structural connections for the CLICK25™ (also for the wall connection)

Detail B



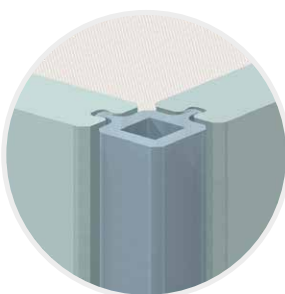
Basic detail of the structural connections for the CLICK25™ section with an end cover for the door connections

Detail D



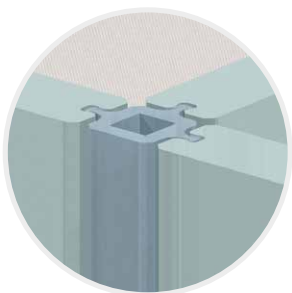
Glass coupler for the CLIP-IN X-profile™

Detail E



Glass coupler for the CLIP-IN H-profile™

Detail F



Glass coupler for the CLIP-IN T-profile™



DETAIL D CLIP-IN X-profiel™



DETAIL E CLIP-IN H-profiel™

SOUND-INSULATED  
UNPUTTIED  
FULLY-GLAZED DOOR

# SYSTEMS SILENCE DOOR

PC1032™ / PC1135™ / PC1337™



## The SYSTEMS SILENCE DOOR PC1032™ / PC1135™ / PC1337™

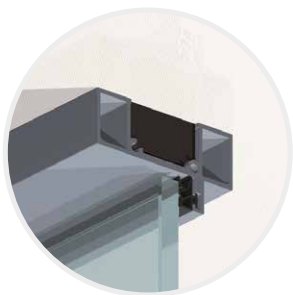
This soundproof door has a RW-value of 32dB, 35dB or 37dB. Doors of the type PC can be used in spaces where you do not want any grooves in the floor (in the case of under-floor heating, for example), or where it is not possible or permissible to drill deep into the floor. The frame section is made of aluminium and is available in anodised aluminum, stainless steel-look or RAL colours. The mountings can be adapted as desired.

### • Sound-proofing values

Wall	SYSTEMS CLIP-IN SILENCE 1132™	RW = 32dB	Peutz rapport: 2283-5-RA
Wall	SYSTEMS CLIP-IN SILENCE 1136™	RW = 36dB	TNO rapport: MON-RPT-2008-01826
Wall	SYSTEMS CLIP-IN SILENCE 1338™	RW = 38dB	TNO rapport: MON-RPT-2008-01824
Door	SYSTEMS SILENCE DOOR PC1032™	RW = 32dB	TNO rapport: MON-RPT-2010-01980
Door	SYSTEMS SILENCE DOOR PC1135™	RW = 35dB	TNO rapport: MON-RPT-2010-01981
Door	SYSTEMS SILENCE DOOR PC1337™	RW = 37dB	TNO rapport: MON-RPT-2010-01982



5



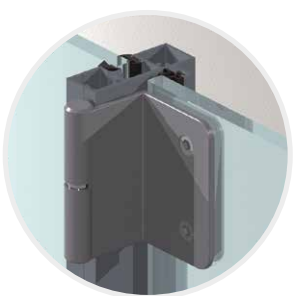
**Detail PC1135™ 5**  
(the same as PC1032™, PC1337™)  
Frame section attachment top

2



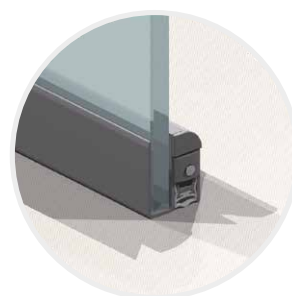
**Detail PC1135™ 2**  
(the same as PC1032™, PC1337™)  
Frame section with handle lock

1

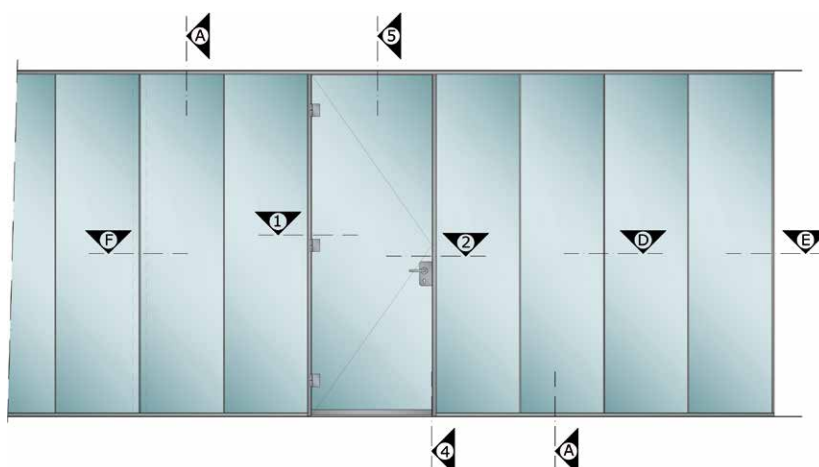


**Detail PC1135™ 1**  
(the same as PC1032™, PC1337™)  
Frame section with hinge

4



**Detail PC1135™ 4**  
(the same as PC1032™, PC1337™)  
Bottom silencer under fully-glazed  
soundproof door



**SYSTEMS SILENCE DOOR**  
PC1032™ / PC1135™ / PC1337™



SOUND-INSULATED  
UNPUTTIED  
FULLY-GLAZED DOOR

# SYSTEMS CLIP-IN SILENCE DOOR

1337-01™ / 1337-02™



## The SYSTEMS CLIP-IN SILENCE DOOR 1337-01™

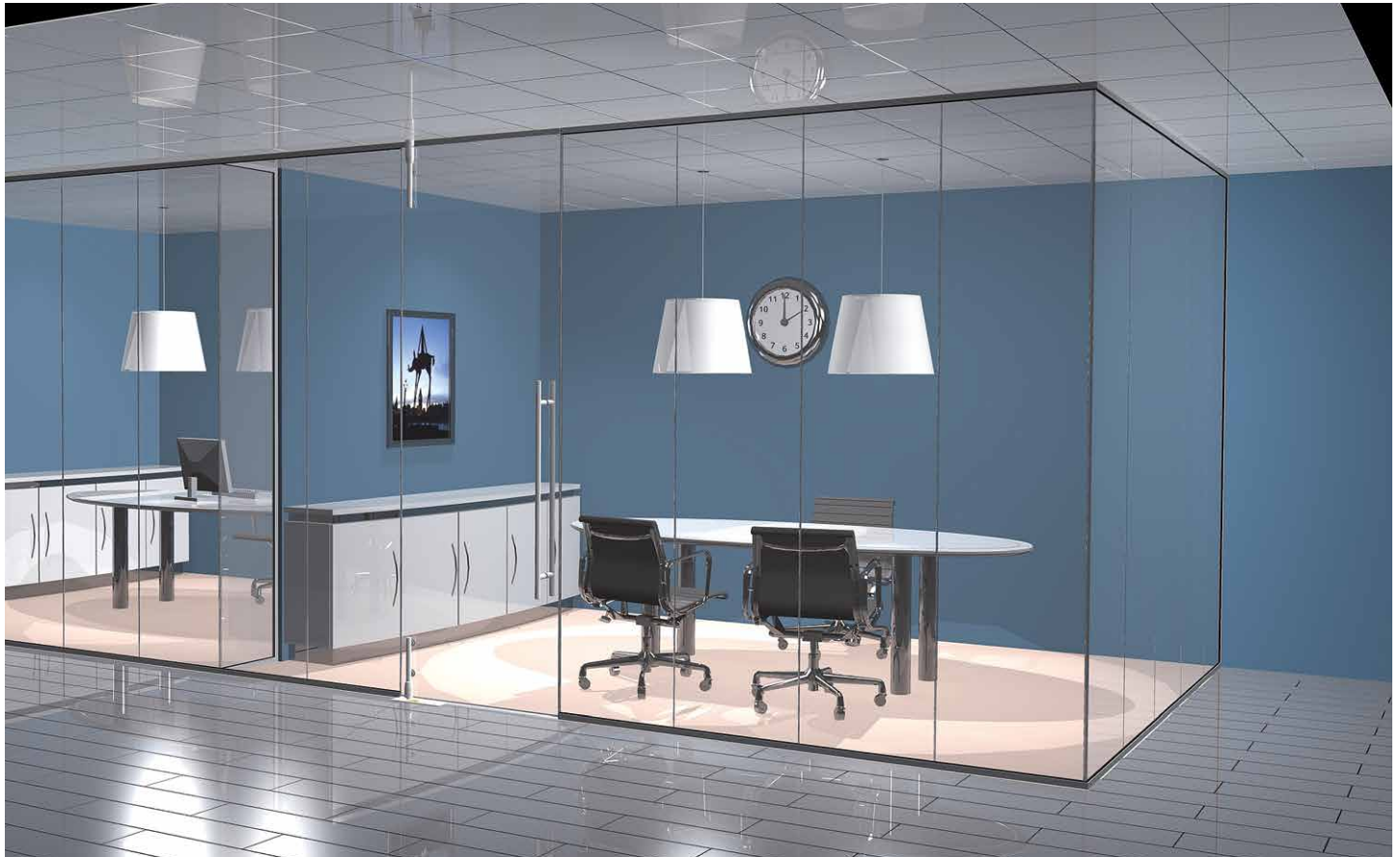
This designer soundproof door has a RW-value of 37dB. The soundproof pivot door revolves on a floor spring (detail 1337-01-02™ 18). The standard mountings are made of stainless steel. At the top (detail 1337-01™ 6) and bottom (detail 1337-01™ 7), the door has an CLIP-IN groove into which a special noise-resistant seal profile is clipped. This seal profile is also used on the high side of the side-lights (detail 1337-01-02™ 5). The maximum dimensions of the SYSTEMS CLIP-IN SILENCE DOOR 1337-01™ are 1100 x 2700 mm.

## The SYSTEMS CLIP-IN SILENCE DOOR 1337-02™

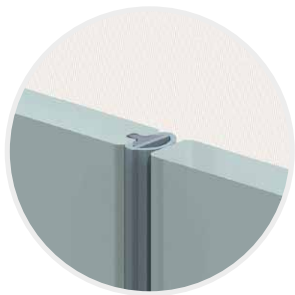
This soundproof door, which also has a RW-value of 37dB, has a top panel that distinguishes it from the 1337-01 door. At the top (detail 1337-02™ 9), the door has an CLIP-IN groove into which a special noise-resistant seal profile is clipped. The top light is connected to the side-lights using stainless steel attachment fittings (detail 1337-02™ 16 and 17). The maximum dimensions of the SYSTEMS CLIP-IN SILENCE DOOR 1337-02™ are 1100 x 2500 mm in the case of a maximum wall height of 3000 mm.

### • Sound-proofing values

Wall	SYSTEMS CLIP-IN SILENCE 1338™	RW = 38dB	TNO rapport: MON-RPT-2008-01824
Door	SYSTEMS CLIP-IN SILENCE DOOR 1337™	RW = 37dB	TNO rapport: MON-RPT-2008-01823



5



**Detail 1337-01-02™ 5**

Soundproof seal between the side-panel and the door

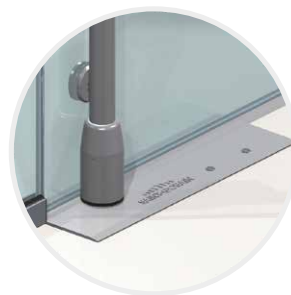
7



**Detail 1337-01-02™ 7**

Soundproof seal at the bottom of the door

18



**Detail 1337-01-02™ 18**

Floor spring door with soundproof seal

6



**Detail 1337-01™ 6**

Top of door with soundproof seal

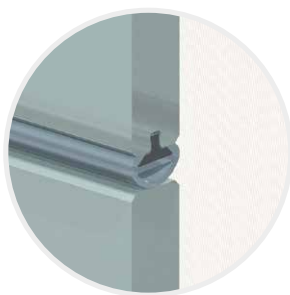
17



**Detail 1337-02™ 17**

Door attachment fitting with side-panel and top panel

9



**Detail 1337-02™ 9**

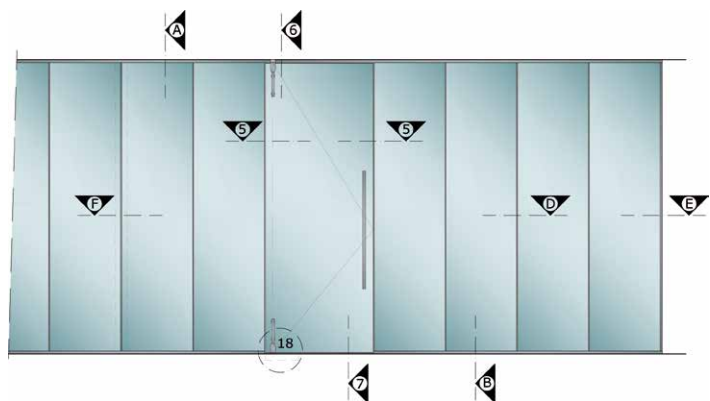
Top of door with soundproof seal with top panel

16

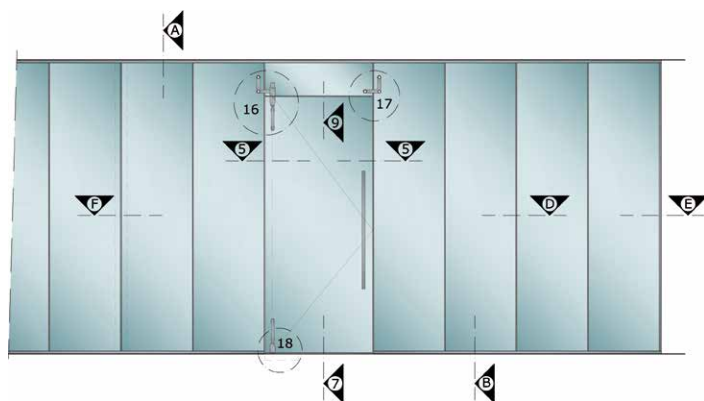


**Detail 1337-02™ 16**

Pivot door with attachment fitting



**SYSTEMS CLIP-IN SILENCE DOOR**  
1337-01™



**SYSTEMS CLIP-IN SILENCE DOOR**  
1337-02™

SOUND-INSULATED  
UNPUTTIED  
FULLY-GLAZED DOOR

# SYSTEMS SILENCE DOOR

1338™ / 1739™



## The SYSTEMS SILENCE DOOR 1338™

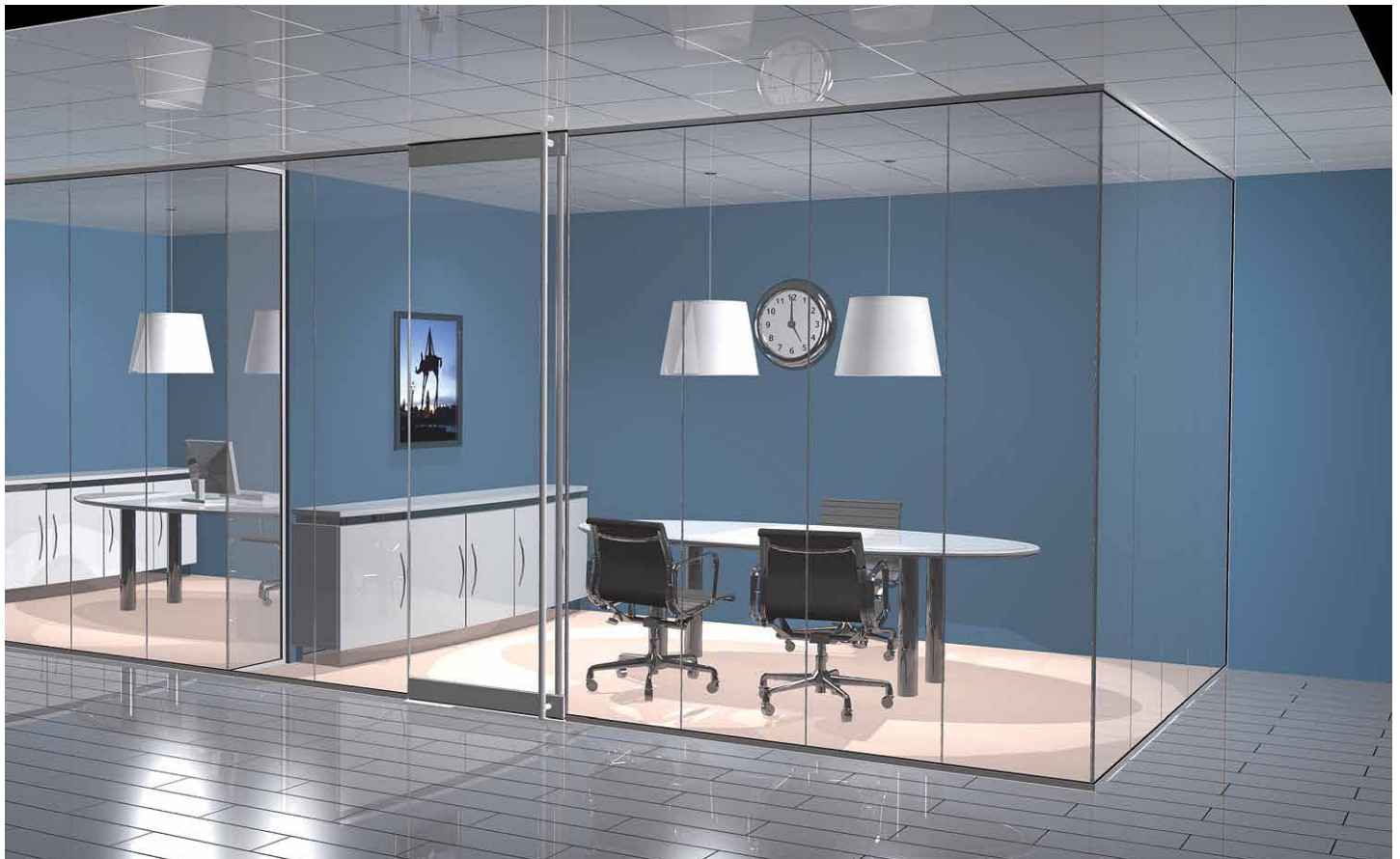
This soundproof pivot door, which has a RW-value of 38dB, revolves on a floor spring (detail 1338™ 19). The standard mountings are manufactured from anodised aluminum but can also be supplied in stainless steel-look or in a RAL colour. At the top (detail 1338™ 10) and bottom (detail 1338™ 11), the door has a bar. A stainless steel door pusher is fitted from bottom bar to top bar.

## The SYSTEMS SILENCE DOOR 1739™

This soundproof door has a RW-value of 39dB. The door model is identical to the SYSTEMS SILENCE DOOR 1338™ except that the thickness of the glass is different.

### • Sound-proofing values

Wall	SYSTEMS CLIP-IN SILENCE 1338™	RW = 38dB	TNO rapport: MON-RPT-2008-01824
Door	SYSTEMS SILENCE DOOR 1338™	RW = 38dB	TNO rapport: IS-RPT-060038
Wall	SYSTEMS CLIP-IN SILENCE 1739™	RW = 39dB	TNO rapport: MON-RPT-2008-01823
Door	SYSTEMS SILENCE DOOR 1739™	RW = 39dB	TNO rapport: IS-RPT-060040





15



#### Detail 1338™ 15

Soundproof seal on door with side-panel

19



#### Detail 1338™ 19

Pivot point with bar and floor spring containing the soundproofing system

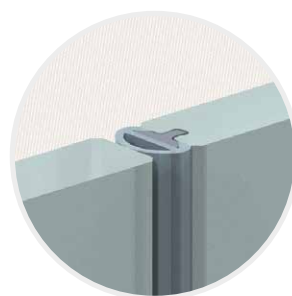
10



#### Detail 1338™ 10

Bar at the top of the door containing the soundproof seal

15



#### Detail 1338™ 15

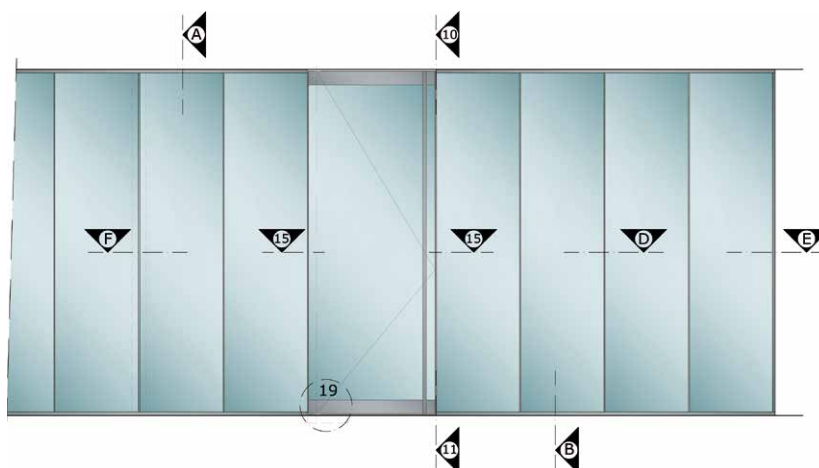
Soundproof seal on door with side-panel

11



#### Detail 1338™ 11

Bar at the bottom of the door containing the soundproof seal



#### SYSTEMS SILENCE DOOR

1338™ / 1739™

SOUND-INSULATED  
UNPUTTIED  
FULLY-GLAZED DOOR

# SYSTEMS SILENCE DOOR

PC4200™ / PC4700™



## The SYSTEMS SILENCE DOOR PC4200™ / PC4700™

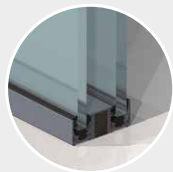
This soundproof door has a RW-value of 42dB or 47dB, which is unique for its type. This soundproof hinged door model is installed completely flush. The border frames of the glass and the glued metal frame are available in every desirable RAL colour. The door can be combined with double soundproof walls, ranging from RW = 42dB to RW = 60dB and can be designed with a handle lock or door pusher.

### • Sound-proofing values

Wall single	SYSTEMS CLIP-IN SILENCE 2242™	RW = 42dB	Peutz rapport: A 3114-31-RA
Wall double	SYSTEMS CLIP-IN SILENCE 6600/42™	RW = 42dB	Peutz rapport: A 2283-13-RA
Wall double	SYSTEMS CLIP-IN SILENCE 6500/45™	RW = 45dB	Peutz rapport: A 2283-2-RA
Wall double	SYSTEMS CLIP-IN SILENCE 6600/48™	RW = 48dB	Peutz rapport: A 2283-14-RA
Wall single	SYSTEMS CLIP-IN SILENCE 6950™	RW = 50dB	Peutz rapport: A 3114-106-RA
Wall double	SYSTEMS CLIP-IN SILENCE 6600/56™	RW = 56dB	Peutz rapport: A 3114-160-RA
Wall double	SYSTEMS CLIP-IN SILENCE 6625/60™	RW = 60dB	Peutz rapport: A 3114-139-RA
Door	SYSTEMS SILENCE DOOR PC4200™	RW = 42dB	Peutz rapport: A 2394-2-RA
Door	SYSTEMS SILENCE DOOR PC4700™	RW = 47dB	Peutz rapport: A 2394-2-RA



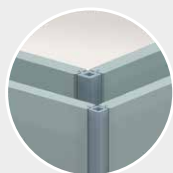
**Standard wall details for SYSTEMS CLIP-IN SILENCE 6600/42™, 6500/45™, 6600/48™, 6600/56™ and 6625/60™**



**Detail 6600/42™ C**  
(same as 6500/45™, 6600/48™, 6600/56™ en 6625/60™)  
Structural connection at top, bottom and side connections



**Detail 6600/42™ D**  
(same as 6500/45™, 6600/48™, 6600/56™ en 6625/60™)  
Glass connections with CLIP-IN™ X-profile



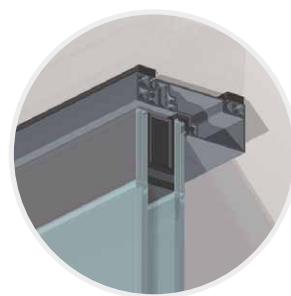
**Detail 6600/42™ E**  
(same as 6500/45™, 6600/48™, 6600/56™ en 6625/60™)  
Corner glass connection with CLIP-IN™ H-profile



**Detail 6600/42™ F**  
(same as 6500/45™, 6600/48™, 6600/56™ en 6625/60™)  
Glass connection T-fork with CLIP-IN™ H-profile and CLIP-IN™ X-profile



3



**Detail 3**

Detail of top frame section with glass door and noise insulation seal

2a



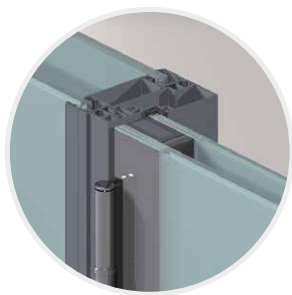
2b



**Detail 2**

Handle lock or door pusher with frame section and noise insulation seal

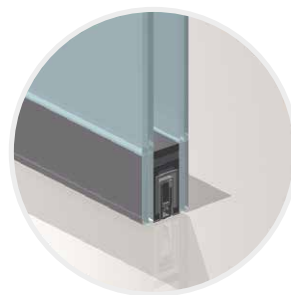
1



**Detail 1**

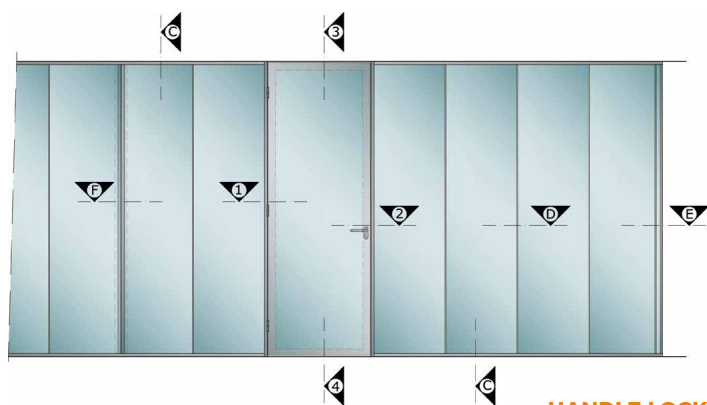
Frame section with hinge and noise insulation seal

4



**Detail 4**

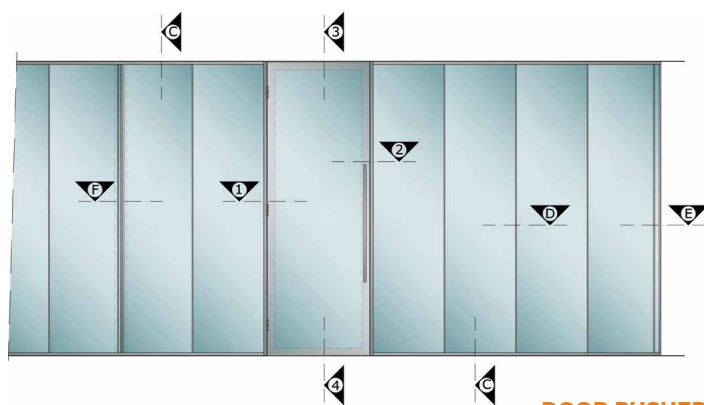
Bottom of door with bottom silencer



**SYSTEMS SILENCE DOOR**

PC4200™ / PC4700™

**HANDLE LOCK**



**SYSTEMS SILENCE DOOR**

PC4200™ / PC4700™

**DOOR PUSHER**

SOUND-INSULATED  
UNPUTTIED  
FULLY-GLAZED DOOR

# SYSTEMS SILENCE SLIDING DOOR 1736™



## The SYSTEMS SILENCE SLIDING DOOR 1736™

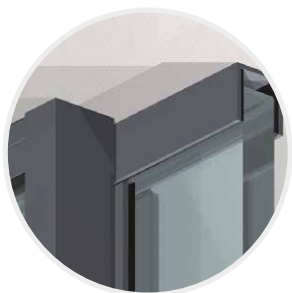
This soundproof sliding door has a RW-value of 36dB, which is unique for a fully-glazed sliding door. This soundproof sliding door rolls on stainless steel wheels over a floor profile; the door also has a guide-rail at the top. The system has a standard stainless steel T-handle. The door can be combined with a soundproof wall: SYSTEMS CLIP-IN SILENCE 1739™, RW = 39dB.

### • Sound-proofing values

Wall	SYSTEMS CLIP-IN SILENCE 1739™	RW = 39dB	TNO rapport: MON-RPT-2008-01823
Door	SYSTEMS SILENCE SLIDING DOOR 1736™	RW = 36dB	Peutz rapport: A 2054-1-RA 16 july 2010



22



**Detail 1736™ 22**

Top guide-rail for sliding door and side-panel seal

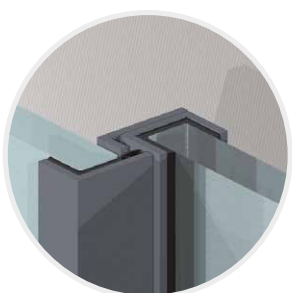
21



**Detail 1736™ 21**

Side connection with seal for sliding door and side-panel

20



**Detail 1736™ 20**

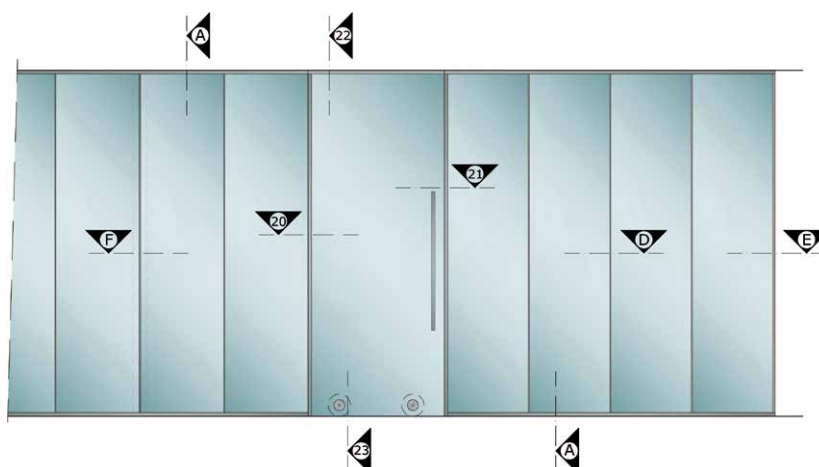
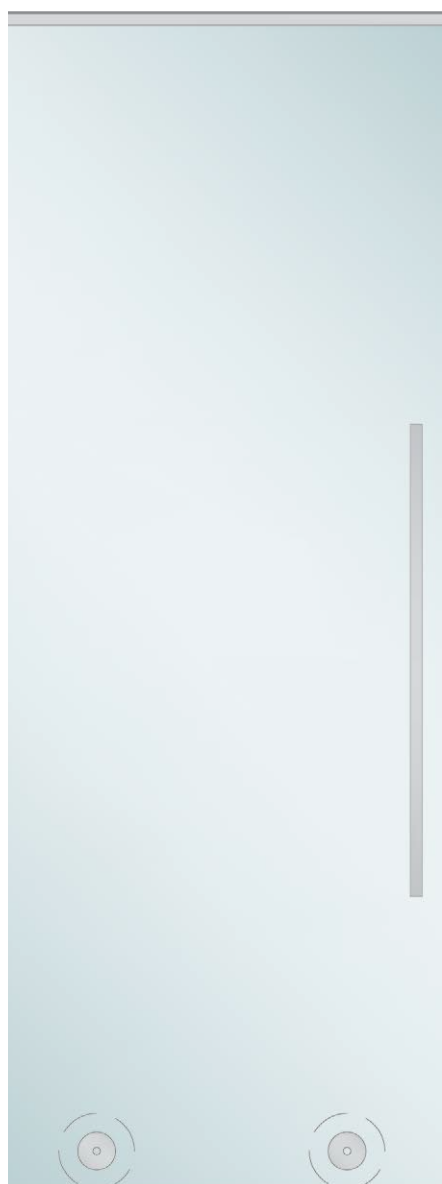
Side connection with seal for sliding door and side-panel

23



**Detail 1736™ 23**

Bottom seal for stainless steel wheels of sliding door and seal for side-panel



**SYSTEMS SILENCE**  
SLIDING DOOR 1736™





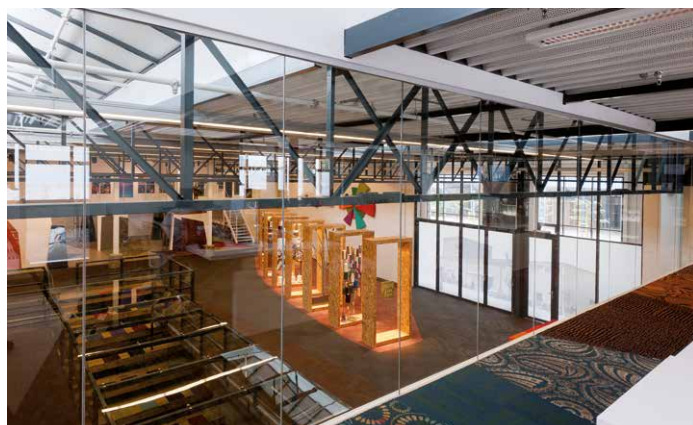
**PROJECT** Rabobank - Zundert  
**PRODUCT** SYSTEMS CLIP-IN SILENCE  
**ARCHITECT** De Bont CS - Breda



**PROJECT** SKF Nieuwegein  
**PRODUCT** SYSTEMS CLIP-IN  
**ARCHITECT** Beijer Advies Arnhem



**PROJECT** Interface Warehouse - Scherpenzeel  
**PRODUCT** wall - SYSTEMS CLIP-IN 1739™, door - SYSTEMS SILENCE DOOR 1739™







**PROJECT** NIOO - Wageningen  
**PRODUCT** wall - SYSTEMS SILENCE 1338™, door - SYSTEM CLIP-IN SILENCE DOOR 1337™  
**ARCHITECT** Claus & Kaan

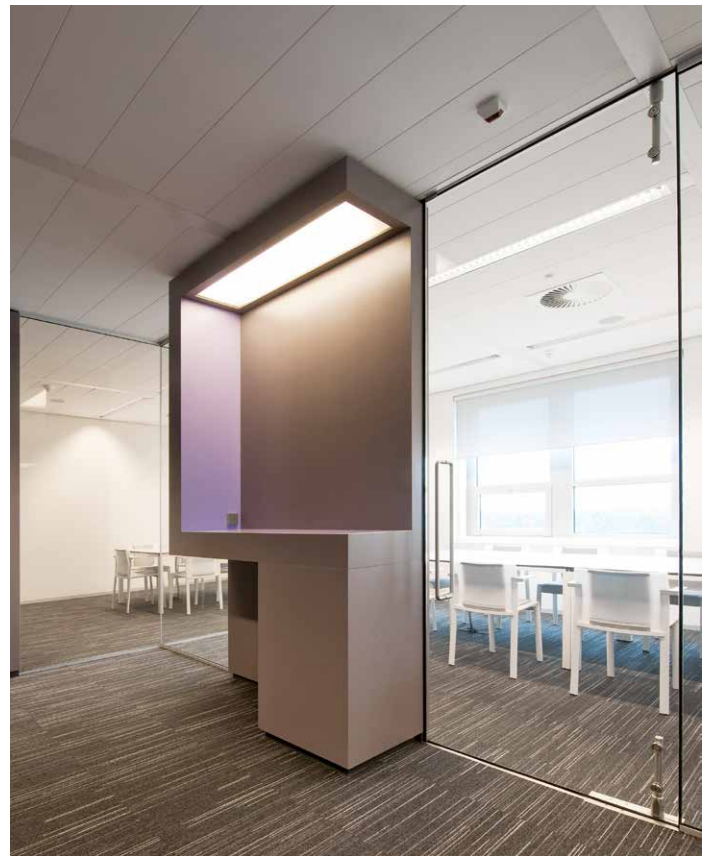
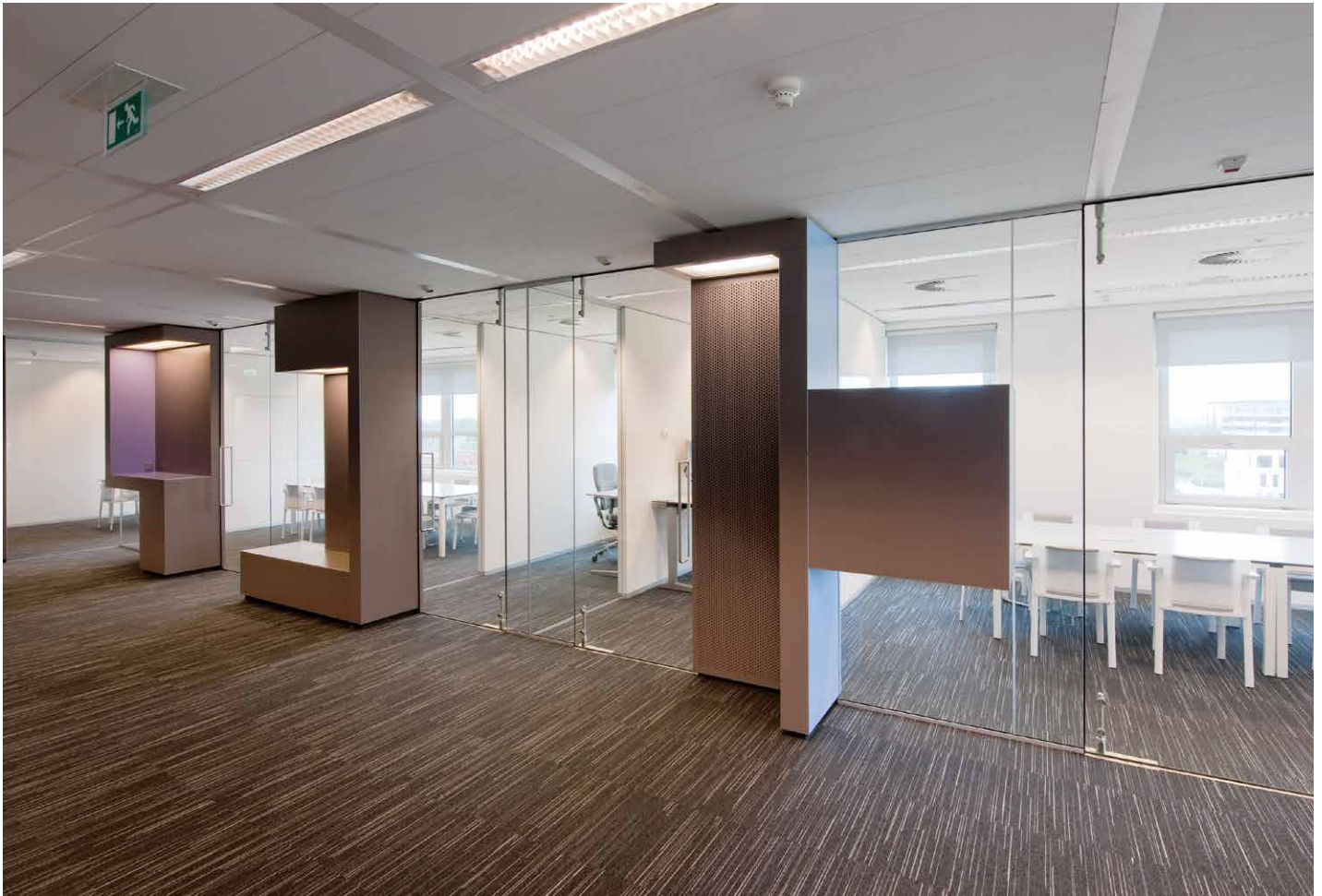


**PROJECT** NIG - Bussum  
**PRODUCT** wall - SYSTEMS CLIP-IN SILENCE 1739™, door - SYSTEMS SILENCE DOOR 1739™  
**ARCHITECT** Van Dijk Architecten - Hilversum



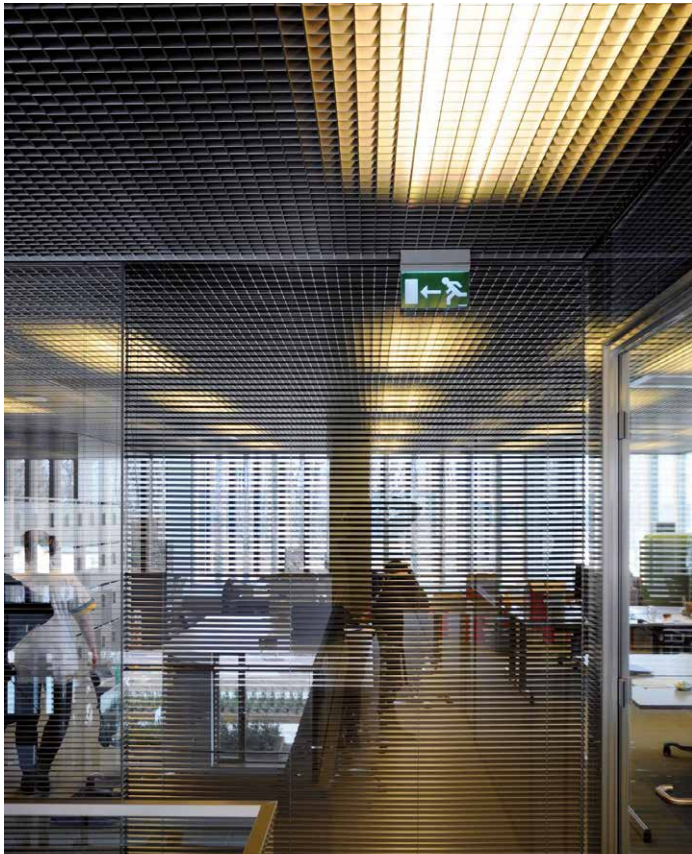
**PROJECT** MCE Tennet - Arnhem  
**PRODUCT** wall - SYSTEMS CLIP-IN SILENCE 1338™ + CURVED, door - SYSTEMS SILENCE DOOR PC1337™  
**ARCHITECT** Studio Groen+Schild - Deventer





**PROJECT** CIRQADA - Utrecht  
**PRODUCT** wall - SYSTEMS CLIP-IN SILENCE 1338™, door - SYSTEMS CLIP-IN SILENCE DOOR 1337™  
**ARCHITECT** Jeanne Dekkers Architectuur - Delft



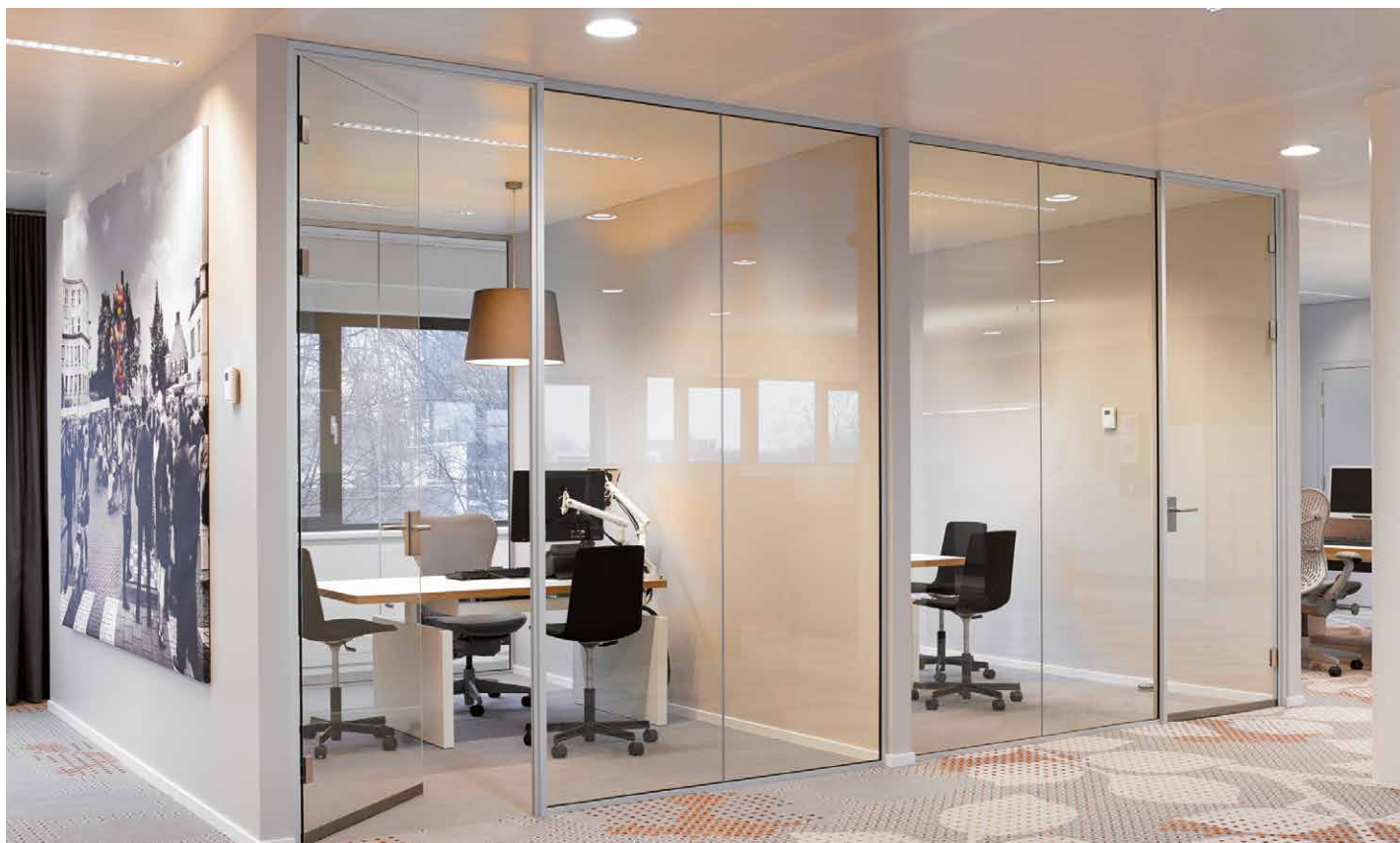


**PROJECT** Ontvangstgebouw Sint Maartenskliniek - Nijmegen  
**PRODUCT** wall - SYSTEMS CLIP-IN SILENCE 1136™, door - SYSTEMS SILENCE DOOR PC1135™  
**ARCHITECT** Wiegerinck - Arnhem



**PROJECT** Mahler 4 New Amsterdam - Amsterdam  
**PRODUCT** wall - SYSTEMS SILENCE 1739™ + sgg SERALIT® + sgg DECORGLASS®, door - SYSTEMS SILENCE DOOR 1739™ + sgg SERALIT® + sgg DECORGLASS®  
**ARCHITECT** de Architekten Cie - Amsterdam





**PROJECT** Rabobank Breda  
**PRODUCT** wall - SYSTEMS CLIP-IN SILENCE 1338™, door - SYSTEMS SILENCE DOOR PC1337™  
**ARCHITECT** De Bont CS



**PROJECT** Singelveste - Breda  
**PRODUCT** wall - SYSTEMS CLIP-IN SILENCE 1136™, door - SYSTEMS CLIP-IN SILENCE DOOR PC1135™  
**ARCHITECT** Op ten Noort Blijdestein Architecten en Adviseurs - Utrecht

Our world is our shared responsibility and everyone must contribute to the environmental conservation. Both individuals and businesses. Saint-Gobain therefore continually develops energy efficient products, which not only combine comfort and energy savings, but are also produced with respect for the environment.



In three steps we give something back to the environment: in determining our **ecological footprint**, improve it and to devise **eco innovations** for all our (new) products and services throughout their lifecycle.

Saint-Gobain Glass and GLASSOLUTIONS are the first glass manufacturers to have subjected its products to a full **Life Cycle Assessment (LCA)** and there is a very strict environmental strategy control. During the entire lifetime, including the use, these LCA's determine the environmental impact of the glazing produced by Saint-Gobain Glass and transformed by GLASSOLUTIONS.

Our LCA's are conducted in accordance with international standards ISO14040 and ISO14044 and examine two important aspects:

- All phases of the life cycle: from extraction through production, use until the end of durability;
- All environmental effects generated by the product: CO2 emissions, energy use, water use, air pollution etc.

The LCA is verified by an Environmental Product Declaration (EPD), ensuring the quality and reliability of all calculations.

**Visit [epd.saint-gobain-glass.com](http://epd.saint-gobain-glass.com) for more information on EPDs.**

**Interior Glassolutions specialises in glass systems for interior use. In addition to supplying unputtied and noise-resistant SYSTEMS CLIP-IN™ partitioning walls, Interior GLASSOLUTIONS is always willing to contribute its know-how about glazing with specific requirements for fire resistance, noise resistance and security.**



#### SYSTEMS STRUCTURE™

fully-glazed fireproof walls and doors



#### SYSTEMS SILENCE™

sound-proof walls and doors



#### SYSTEMS PROTECT™

burglar-resistant and bullet-proof walls and doors



#### SYSTEMS CLIP-IN™

unputtied walls SYSTEMS SPECIALS™



#### SPIDER GLASS™

glass system for maximum transparency



#### SYSTEMS SPECIALS™

#### Interior GLASSOLUTIONS BV

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