TRIPLAN LITE

TRIPLAN LITE®

THE COMPLETE GLAZED WALL SYSTEM

Triplan®
DANISH QUALITY

BASIC GLAZED WALLS – WITH FIRE RESISTANCE AND SOUND INSULATION

The TRIPLAN LITE® glazed partitioning system consists of a single layer of glass or optionally 2 layers of glass from floor to ceiling that are fixed at head, base and sides by slim runners.

SECTIONS

The sections are aluminium sections, in the heights 30, 40 or 60 mm as desired. The sections are supplied in natural anodized finish or powder coated in white RAL 9010 or black RAL 9005. The sections are optionally available in special colours.

GLASS

The glass is – depending on the demands to the wall – normal hardened safety glass or glass with special sound- and fire abilities. Both certain types of fire rated and sound rated glass have a black edge of apx. 13 mm. Optionally with clear vertical edges. Furthermore low iron glass can be chosen. The glass can be supplied in matt finish or it can be decorated with film once installed.

JUNCTIONS

The glass is fixed to the runners using black gaskets in a thickness depending on the choice of glass. The glass can be joined vertically in different ways depending on the demands to design and to the performances of the wall. Either the glass is joined using a 2 mm transparent tape that is used for unclassified walls and that provides an elegant junction. Optionally a 5 mm wet silicone junction. Transoms with self-adhesive tape may be fitted afterwards, vertically and horizontally for design purposes.

For sound insulating glass the junction is 5 mm using sound insulating liquid joint material and for fire rated glass the junction is 4 mm using fire rated liquid joint material. Optionally a 35 mm vertical alu transom can be chosen.
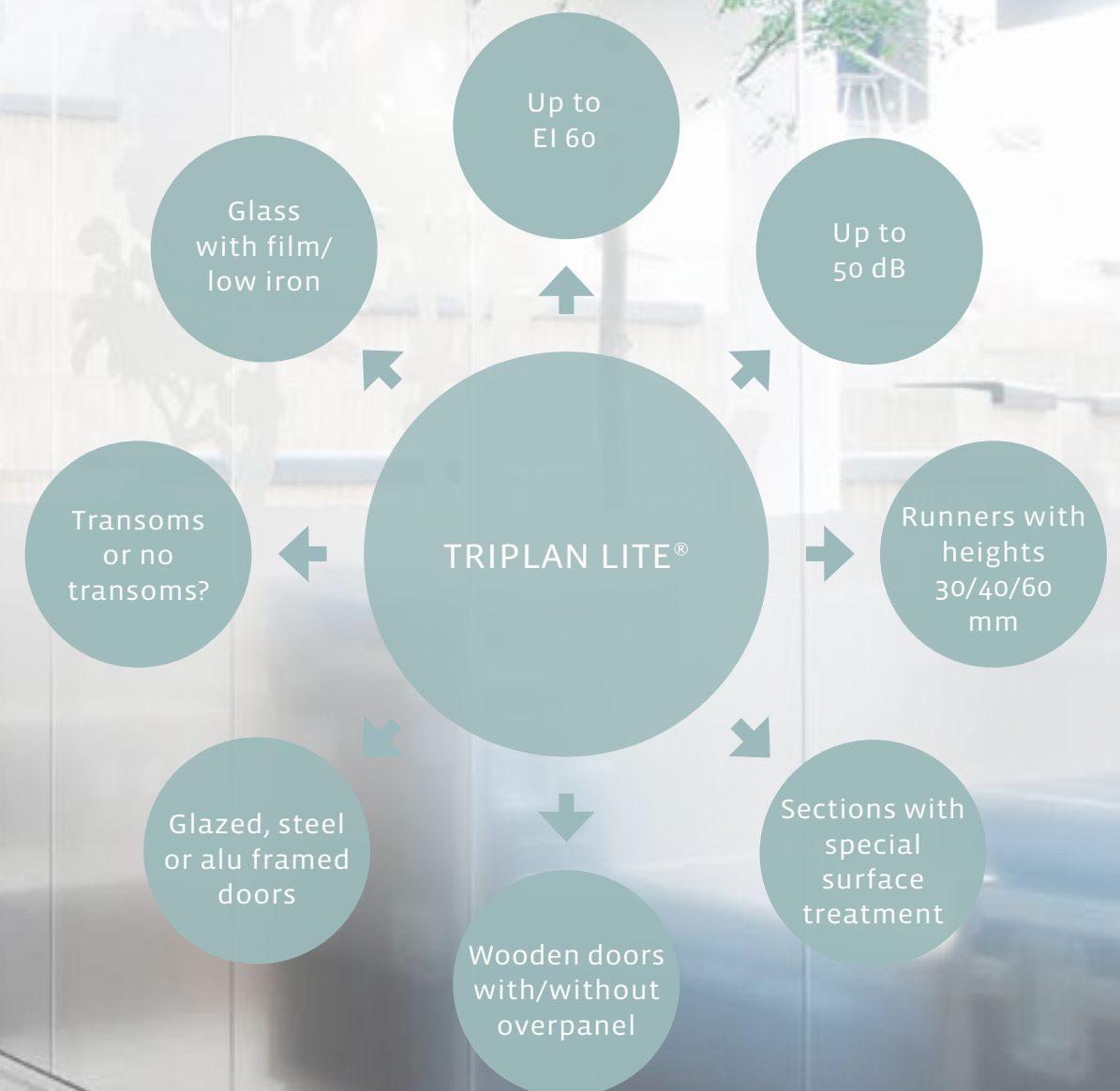
DOORS

Doors are available as single or double glazed doors or wooden doors in slim steel or alu frames with or without over glass and optionally with a drop seal. Fire rated wooden doors are available. Furthermore it is possible to choose sliding doors and solid doors with overpanel and/or with sidepanels.

The door type is selected in accordance with the requirements to sound rating and fire rating and design.
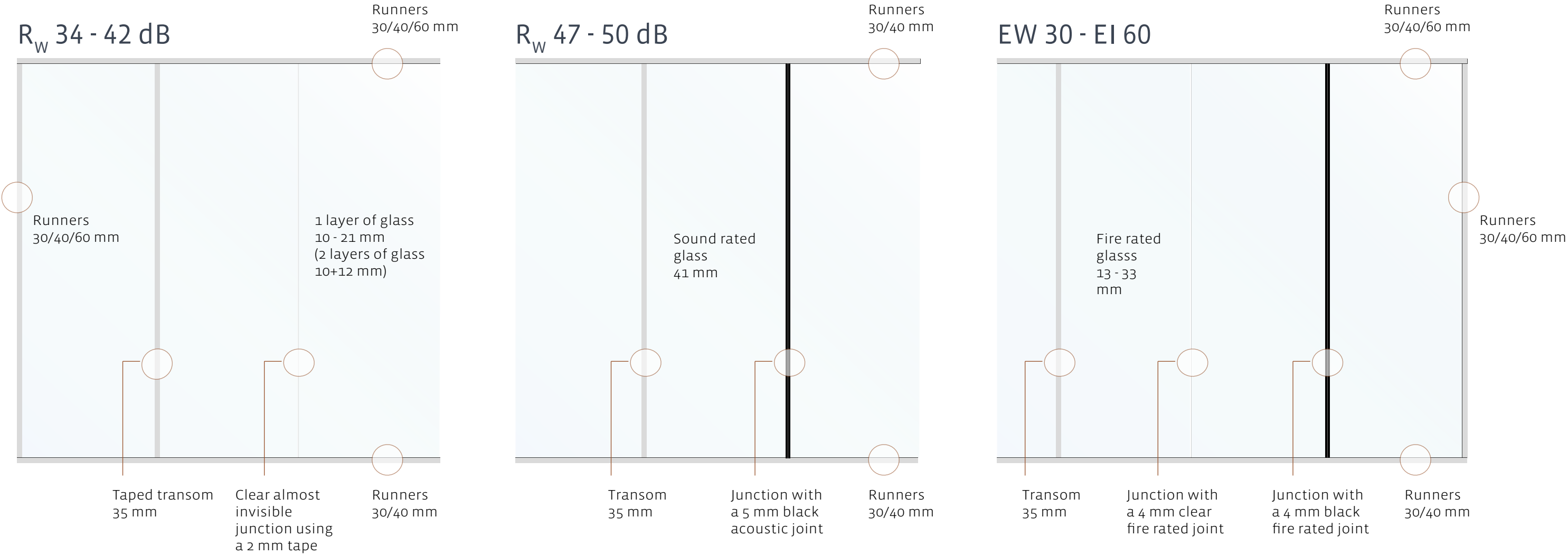
ABILITIES

- Safety glass in individual sizes
- Different glass types
- Fire tested, patented EW 30 - EI 60
- Sound tested up to Rw 50 dB
- Junctions glass to glass using a dry tape or a wet joint or a transom
- Runners in heights 30, 40 or 60 mm with similar design in all the system options
- Surface of the sections: white, black, anodized or special colour
- Rubber gaskets
- A framed 40 mm thick glazed door with the frame concealed behind the glass
- A slim doorframe or a steel- or alu framed glazed door
- Different door types with different sound rating and fire rating
- Easy to install and easy to move and reuse

Up to EI 60

Glass with film/ low iron

Up to 50 dB

Transoms or no transoms?

TRIPLAN LITE®

Runners with heights 30/40/60 mm

Glazed, steel or alu framed doors

Wooden doors with/without overpanel

Sections with special surface treatment

WALL TYPES

R$_W$ 34 - 42 dB

Runners
30/40/60 mm

Runners
30/40/60 mm

1 layer of glass
10 - 21 mm
(2 layers of glass
10+12 mm)

Taped transom
35 mm

Clear almost
invisible
junction using
a 2 mm tape

Runners
30/40 mm

R$_W$ 47 - 50 dB

Runners
30/40 mm

Sound rated
glass
41 mm

Transom
35 mm

Junction with
a 5 mm black
acoustic joint

Runners
30/40 mm

EW 30 - EI 60

Runners
30/40/60 mm

Runners
30/40/60 mm

Fire rated
glasss
13 - 33
mm

Transom
35 mm

Junction with
a 4 mm clear
fire rated joint

Junction with
a 4 mm black
fire rated joint

Runners
30/40 mm

Product TRIPLAN LITE®	Runner height mm	Wall thickness / Runner depth mm	Glass thickness** mm	Maximum height of glass (contact Triplan for details)	Fire rating	Sound rating of glass (RW) ***
34 - 39 dB	30/40/60	25	10 - 15	Up to 4.4 m	-	34 - 39 dB
40 - 42 dB	30/40/60	30 (35)	16 - 21	Up to 3.9 m	-	40 - 42 dB
47 - 50 DB	30/40	55	41	-	-	47 - 50 dB
EW 30 - EW 90* (1)	30/40/60	42	13 - 19	Up to 3.5 m	E 30 - EW 90	38 dB
EW 30 - EW 90* (2)	30/40/60	49	20	Up to 3.5 m	E 30 - EW 90	39 dB
EI 30* (1)	30/40/60	49	20 - 26	Up to 3.5 m	EI 30	41 dB
EI 30* (2)	30/40/60	49 (56)	23 (28)	Up to 3.5 m	EI 30	42(43) dB
EI 60* (1)	30/40/60	56	27 - 33	Up to 3.5 m	EI 60	43 dB
EI 60* (2)	30/40/60	56	31	Up to 3.5 m	EI 60	43 dB

* (1) = Wall solution using transoms. (2) = Wall solution using taped junctions

** Glass thickness depends on the height of the wall

*** The sound reduction depends on which type of glass and which thickness of glass that is selected
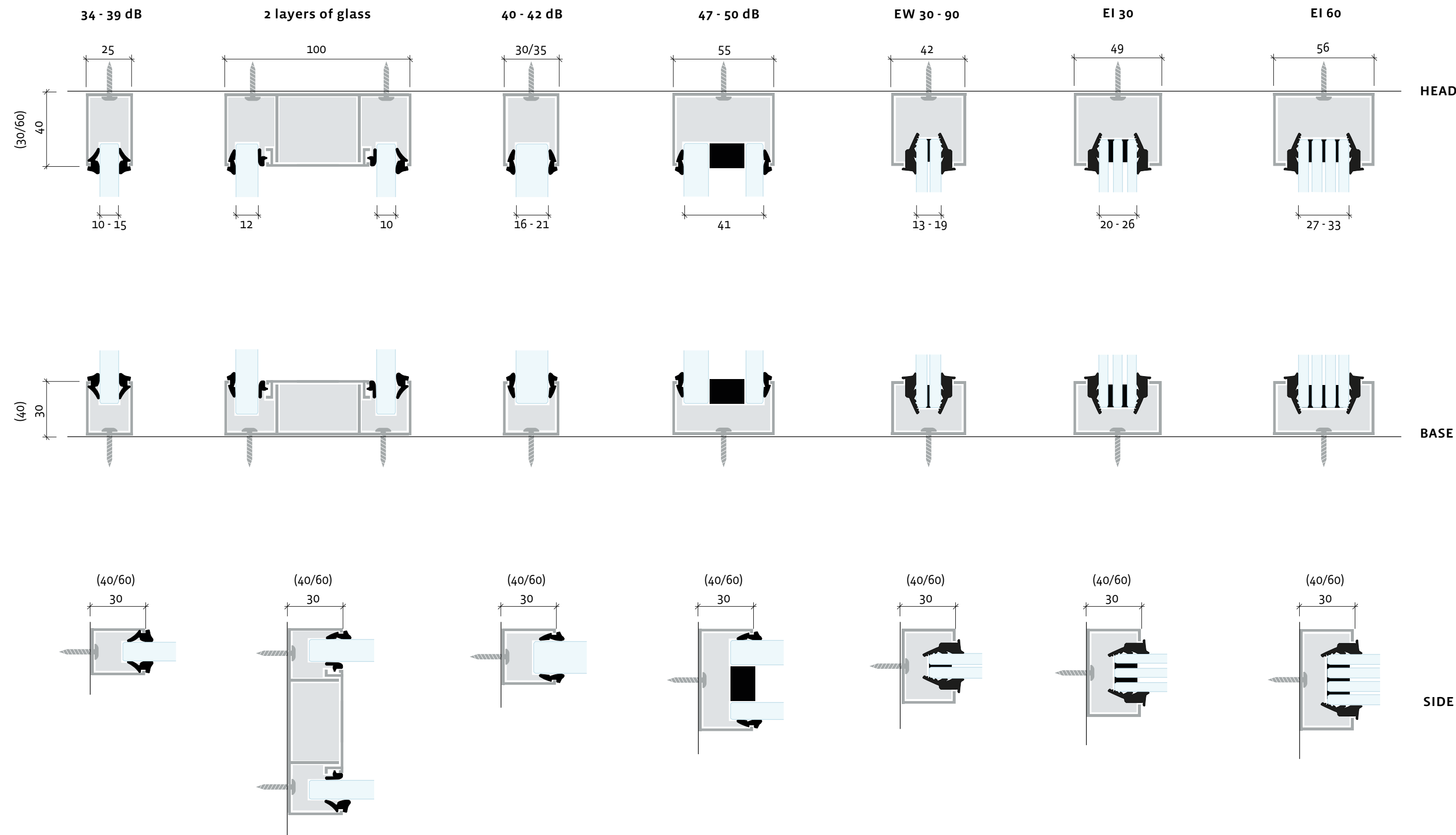
OPTIONS

TRIPLAN LITE®	Runners			Junctions			Door leaves				
	Runner height 30 mm	Runner height 40 mm	Runner height 60 mm	Taped solution clear joint/ clear edge of glass	Taped solution black joint/ black edge of glass	Transom	Glazed door**	Framed glazed door (R_w 30 - 35 dB)	Steel framed glazed door **	Alu framed glazed door **	Solid door ***
Sound rating											
R_w 34 - 42 dB	●	●	●	●		●*	●	●	●	●	●
R_w 43 - 50 dB	●	●			●	●	●	●	●	●	●
Fire rating											
EW 30 - 90	●	●	●	●	●	●			●		●
EI 30	●	●	●	●	●	●			●		●
EI 60	●	●	●	●	●	●			●		●

*) Taped transom

**) Sound rating of the glass:
Wall type Rw 34 - 42 dB: Up to 40 dB
Wall type Rw 43 - 50 dB: Contact Triplan.
Wall type EW 30 - 90: Up to Rw 41 dB
Wall type EI 30: Up to Rw 42 dB
Wall type EI 60: Up to Rw 43 dB

***) Sound rating of the door leaf:
Wall type Rw 34 - 42 dB: Up to Rw 35 dB
Wall type Rw 43 - 50 dB: Up to Rw 40 dB
Wall type EW 30 - 90: Up to Rw 40 dB. Contact Triplan.
Wall type EI 30: Up to Rw 40 dB. Contact Triplan.
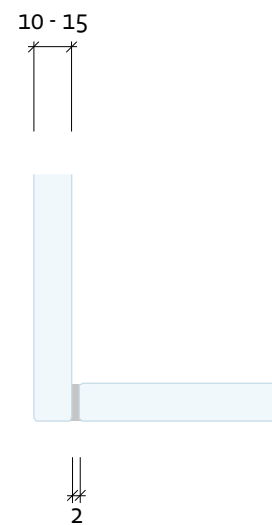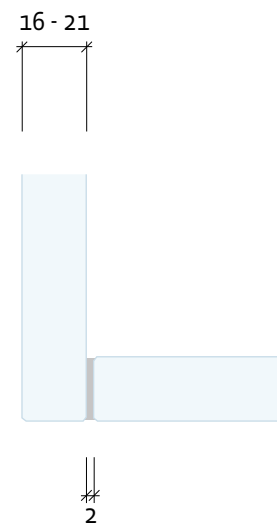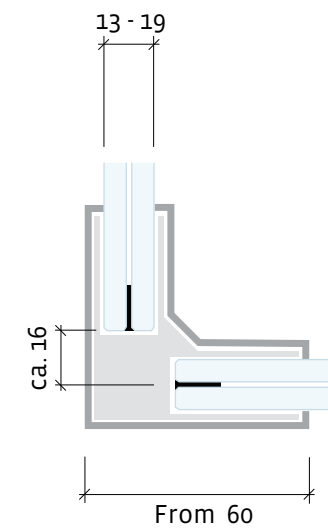Wall type EI 60: Up to Rw 40 dB. Contact Triplan

DRAWINGS

34 - 39 dB	2 layers of glass	40 - 42 dB	47 - 50 dB	EW 30 - 90	EI 30	EI 60

HEAD

25	100	30/35	55	42	49	56

(30/60) 40

10 - 15	12 · 10	16 - 21	41	13 - 19	20 - 26	27 - 33

BASE

(40) 30

(40/60) 30	(40/60) 30	(40/60) 30	(40/60) 30	(40/60) 30	(40/60) 30	(40/60) 30

SIDE

DRAWINGS

34 - 39 dB	2 layers of glass	40 - 42 dB	47 - 50 dB	EW 30 - 90	EI 30	EI 60	

TAPED JUNCTION

2

2

2

5

4

4

4

TRANSOM JUNCTION

35

10

35

7 - 9

35

7 - 9

35

7 - 9

35
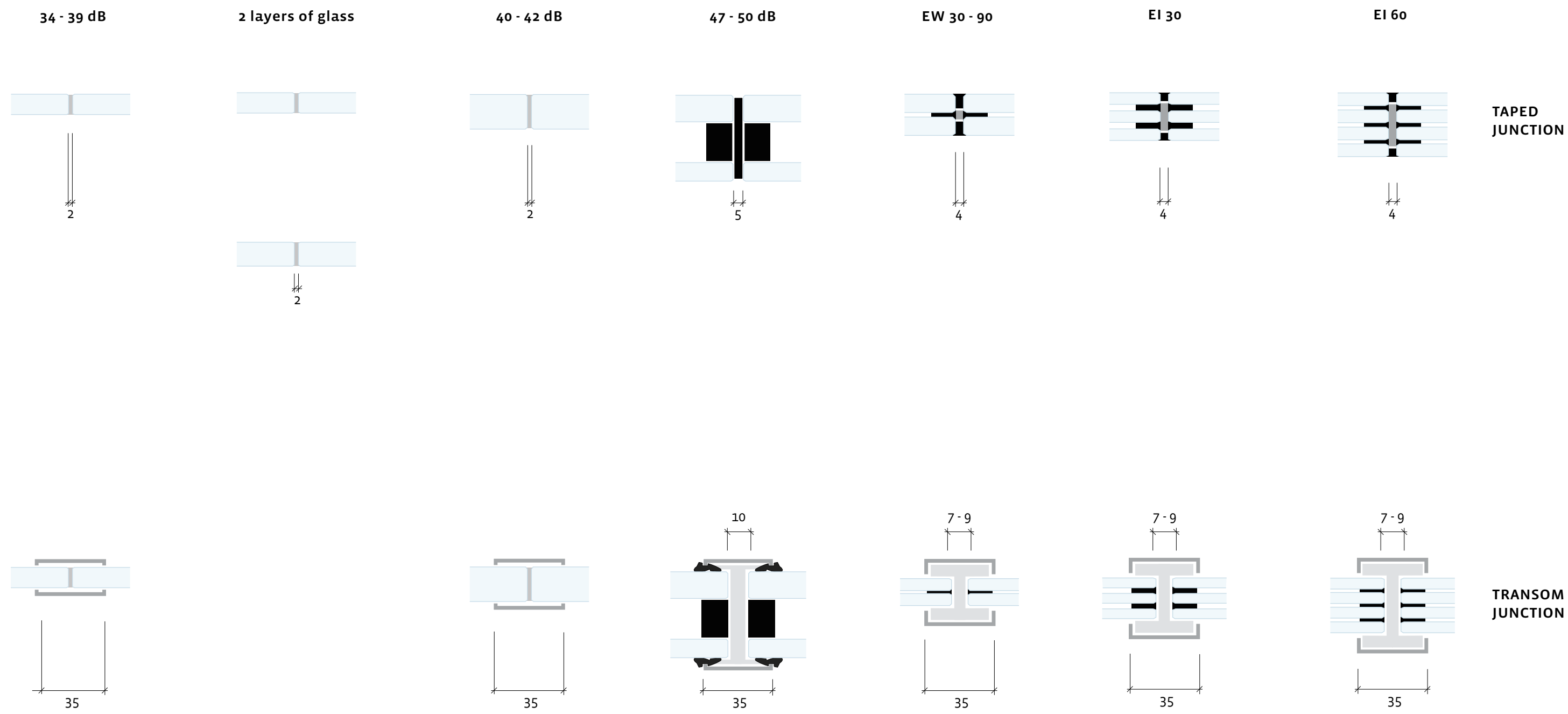
DRAWINGS

Examples of corner solutions in TRIPLAN LITE®

34 - 39 dB	40 - 42 dB	47 - 50 dB	EW 30 - 90	EI 30	EI 60
10 - 15	16 - 21	41	13 - 19	20 - 26	27 - 33

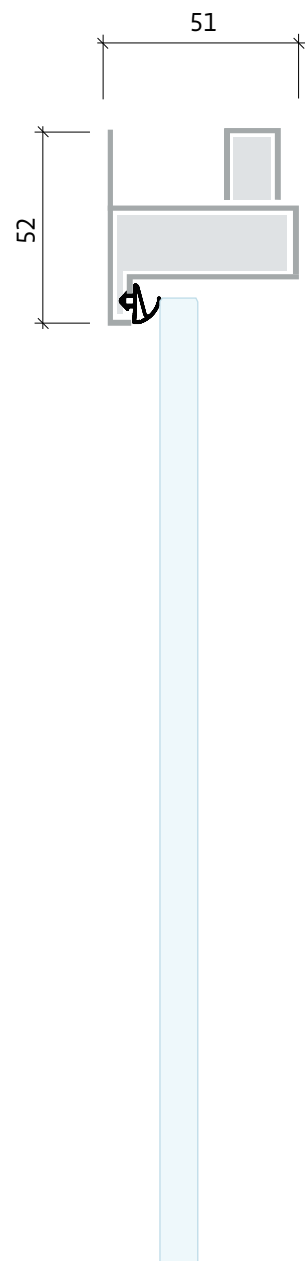|		72	From 60	From 69	From 76
2	2				

Ca. 16

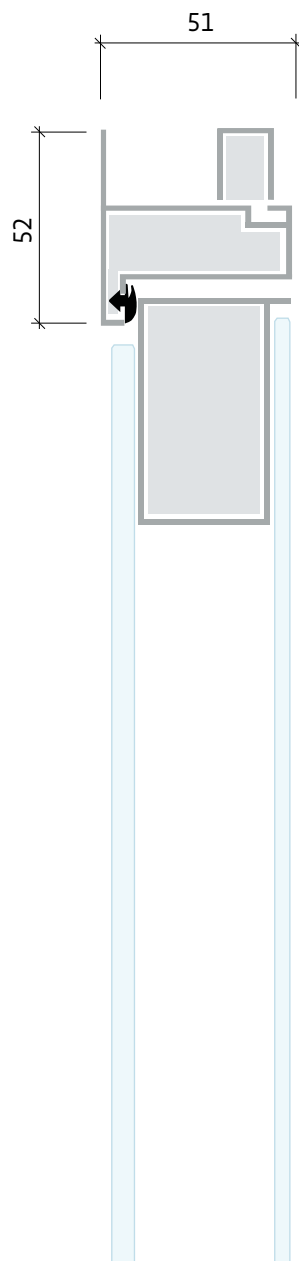**2 layers of glass**

2

2

4

4
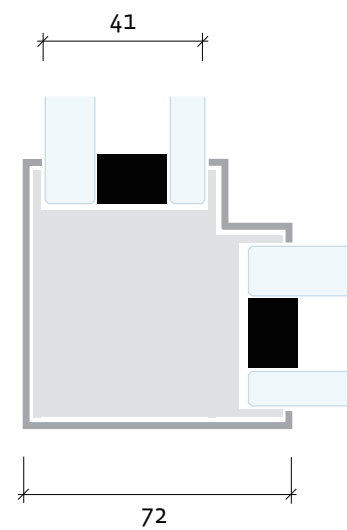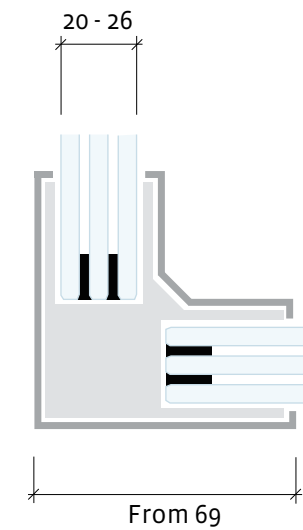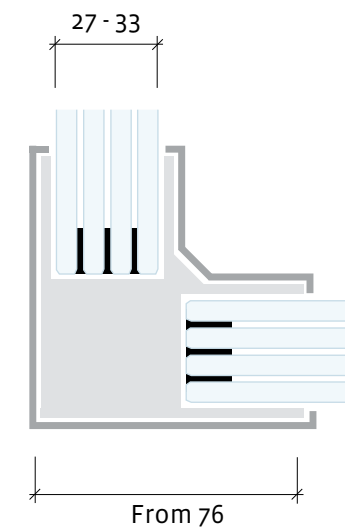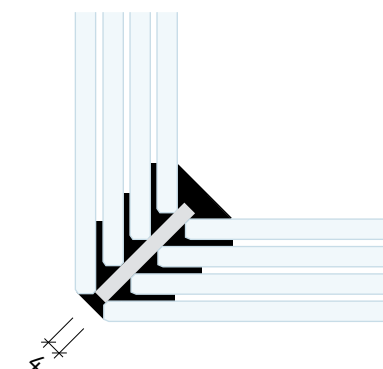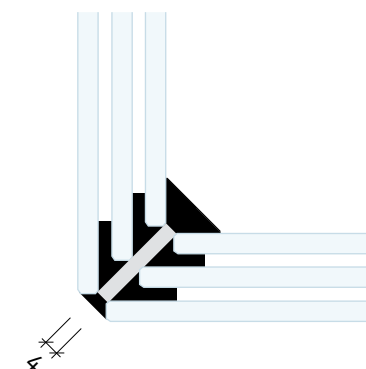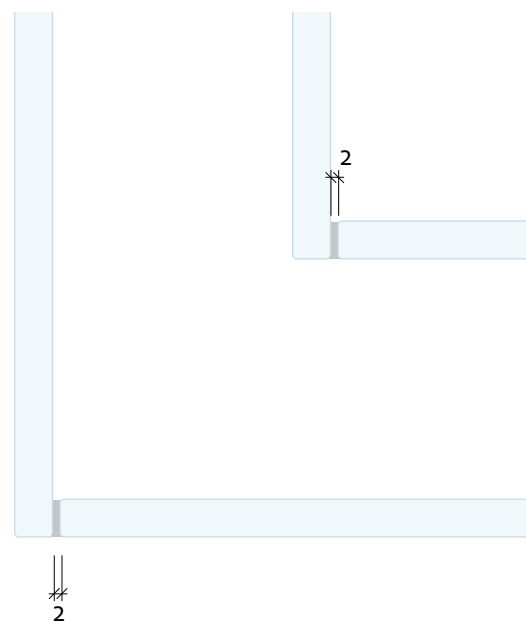
DRAWINGS

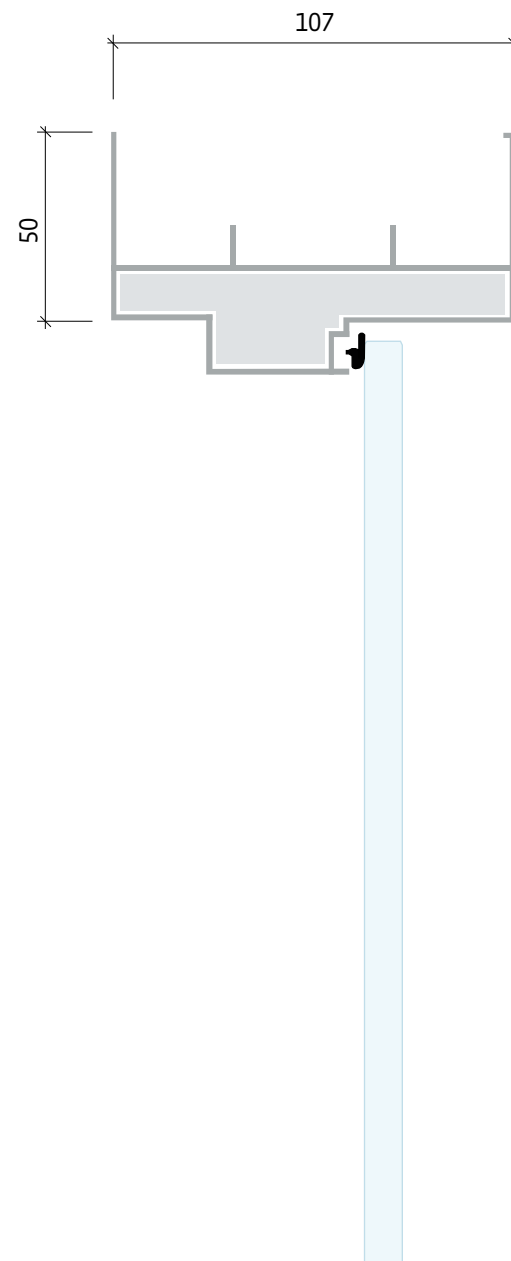**Examples of glazed door solutions in TRIPLAN LITE®**

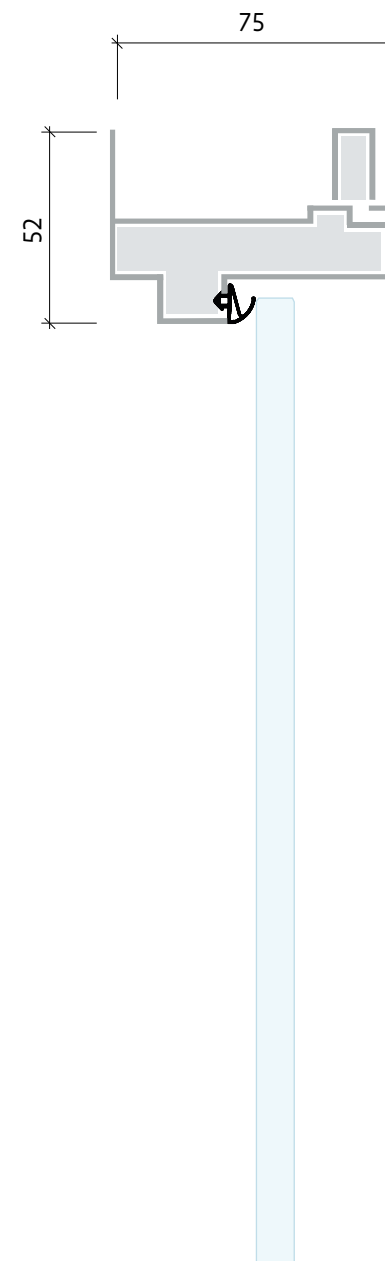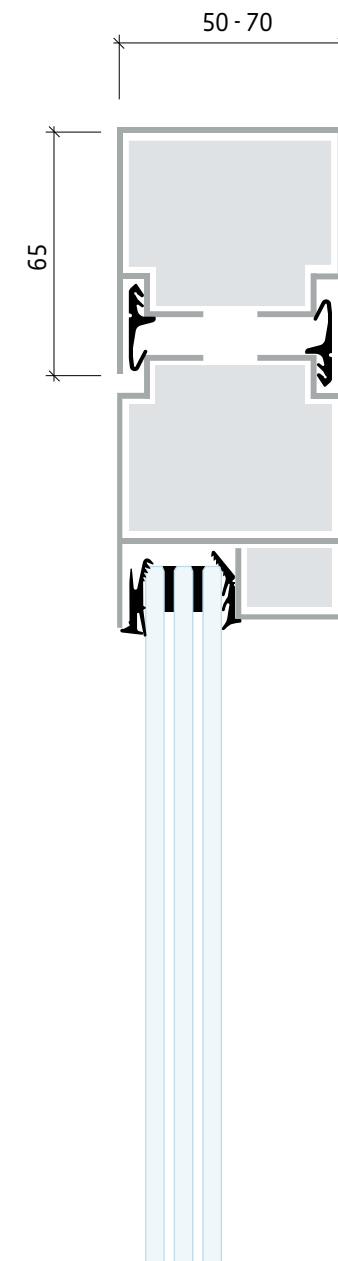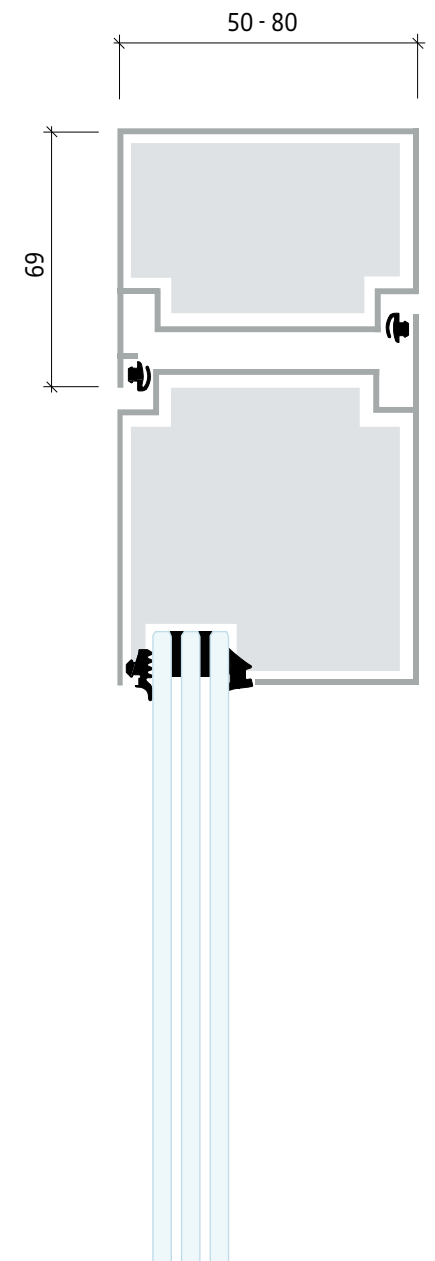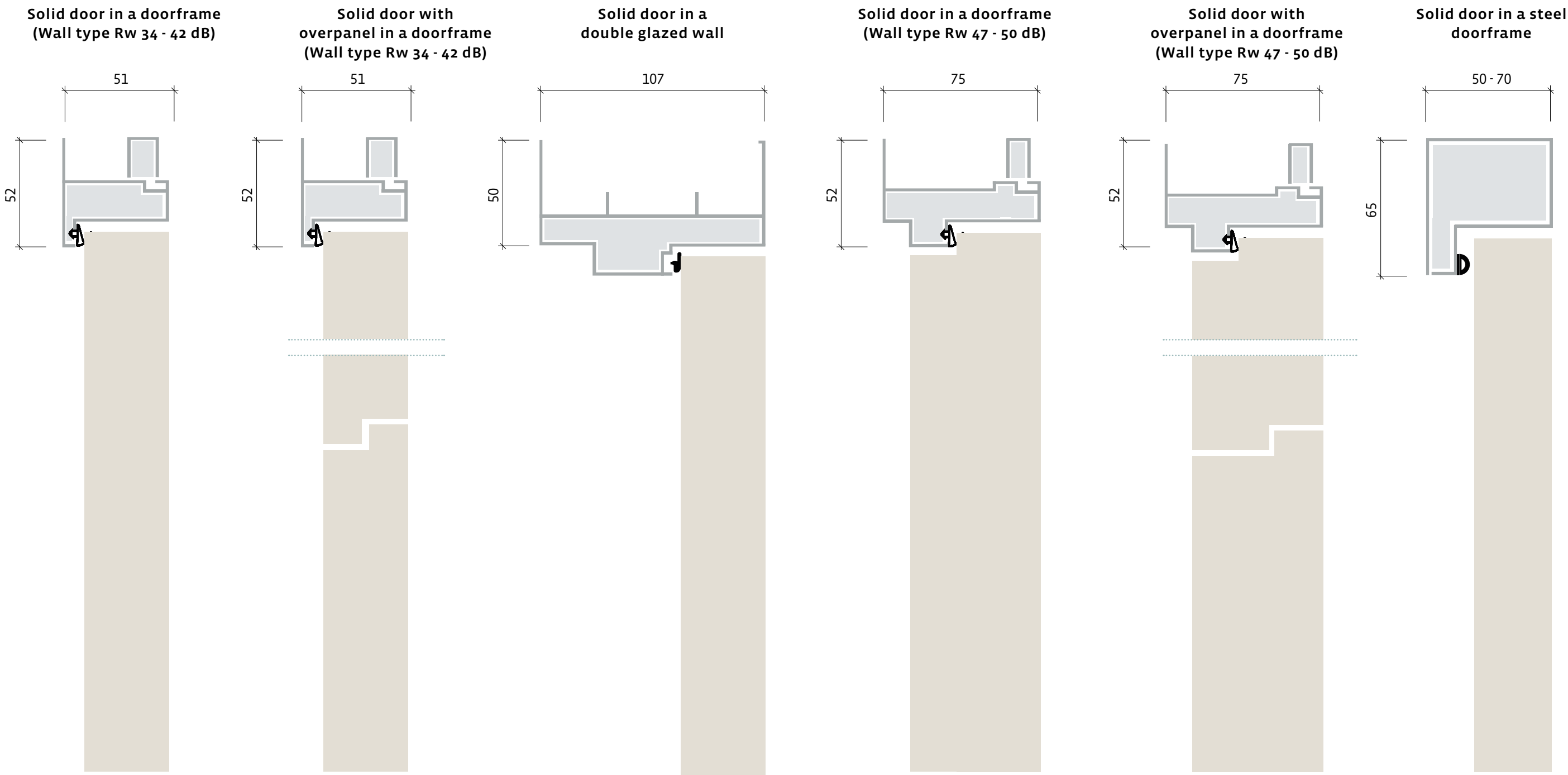| Glazed door in doorframe (Wall type R$_w$ 34 - 42 dB)	Framed glazed door in door frame	Glazed door in a double glazed wall	Glazed door in doorframe (Wall type R$_w$ 47 - 50 dB)	Steel framed glazed door	Alu framed glazed door
51	51	107	75	50 - 70	50 - 80
52	52	50	52	65	69

DRAWINGS

Examples of solid door solutions in TRIPLAN LITE®

Solid door in a doorframe (Wall type Rw 34 - 42 dB)	Solid door with overpanel in a doorframe (Wall type Rw 34 - 42 dB)	Solid door in a double glazed wall	Solid door in a doorframe (Wall type Rw 47 - 50 dB)	Solid door with overpanel in a doorframe (Wall type Rw 47 - 50 dB)	Solid door in a steel doorframe
51	51	107	75	75	50 - 70
52	52	50	52	52	65

REFERENCES

🔥 EI 60   42 dB

🔊 42 dB

FIRE RATED GLASS | FIRE RATED JOINT | BLACK FRAMING

SOUND RATED GLASS | TAPED JOINT | 35 DB GLAZED DOOR | BLACK FRAMING

EI 60

42 dB

FIRE RATED GLASS | FIRE RATED JOINT | STEELFRAMED GLAZED DOOR | BLACK FRAMING

SOUND RATED GLASS | TAPED JOINT | 35 DB GLAZED DOOR | BLACK FRAMING

42 dB

47 dB

SOUND RATED GLASS | TAPED JOINT | 35 DB GLAZED DOOR | ANODIZED FRAMING

SOUND RATED GLASS | TAPED JOINT | 40 DB SOLID DOOR | ANODIZED FRAMING

EI 60

36 dB

HARDENED GLASS | TAPED JOINT | 35 DB SOLID DOOR WITH OVERPANEL | WHITE FRAMING

47 dB

SOUND RATED GLASS | TAPED JOINT | 40 DB SOLID DOOR WITH OVERPANEL | WHITE FRAMING

42 dB

HARDENED GLASS | TAPED JOINT | 35 DB SOLID DOOR | WHITE FRAMING

35 dB

HARDENED GLASS | TAPED JOINT | GLAZED DOOR | WHITE FRAMING

TRIPLAN LITE®

THE COMPLETE GLAZED WALL SYSTEM
TRIPLAN LITE®is a glazed wall system in a simple design with many abilities.

A TRIPLAN LITE® glazed wall ensures transparency, openness and flexibility in the layout providing an elegant and simple solution. Also for projects with extra high demands regarding sound insulation or fire resistance.

We have developed the system with the aim of offering a consistent design with runners of equal height and equal surface finish – even if you select very different abilities.

Whether you need a basic glazed partitioning wall, a meeting room with high demands to sound insulation or a fire rated glazed wall, you can find a solution in the Triplan Lite® programme. And without having to accept a compromise regarding the light design with slim runners at head and base and the slim doorframes for glazed or wooden doors.

TRIPLAN LITE® is produced as a standardized glazed wall system in Triplan's own factory thus ensuring a fast production and delivery time. At the same time it's easy to make individual adjustments for a bespoke solution that suits your project.

DANISH QUALITY