

TRIPLAN LITE

TRIPLAN LITE®

THE COMPLETE GLAZED WALL SYSTEM

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 fire rated glass and certain types of 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 35mm vertical alu transom can be chosen.

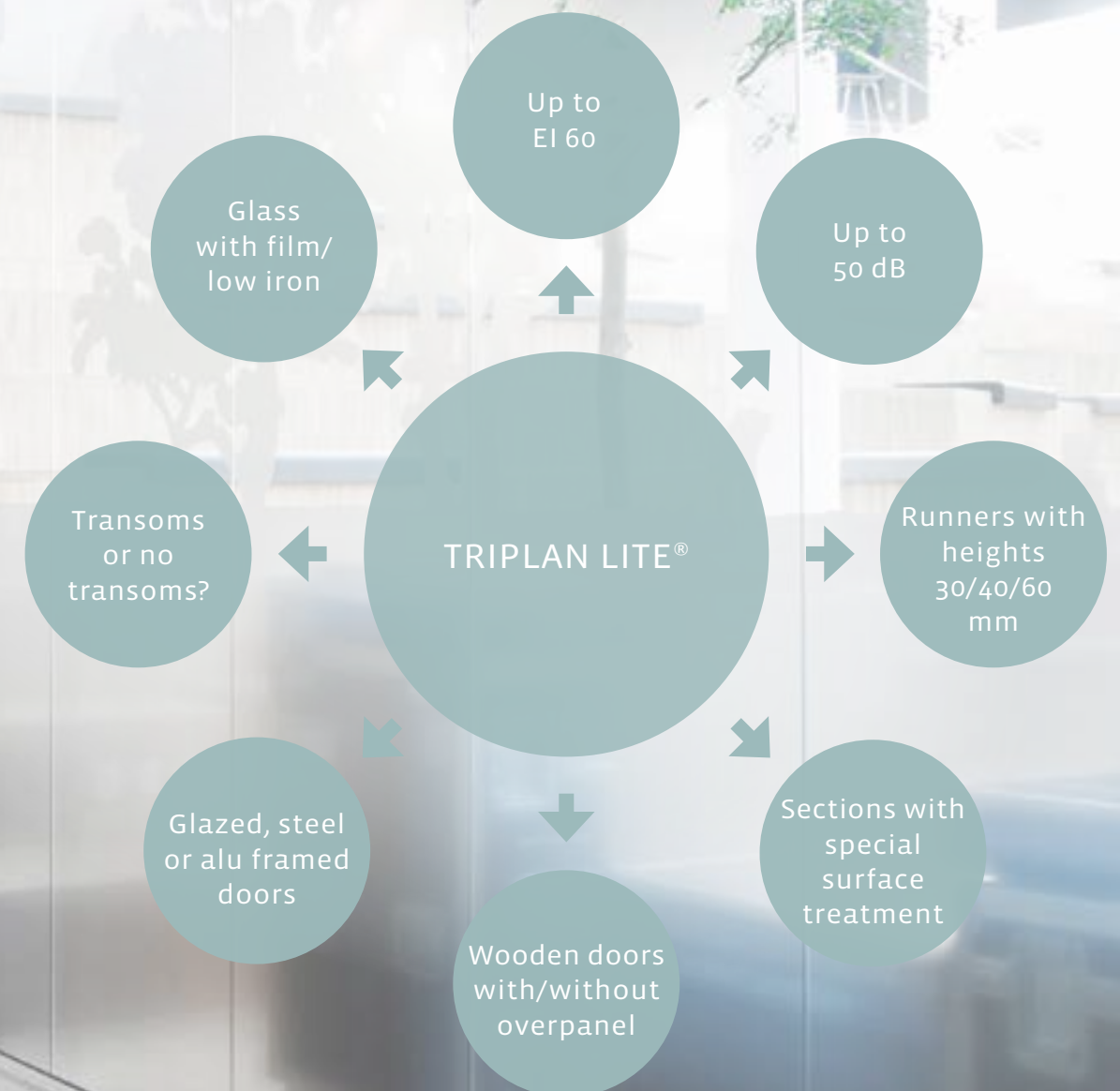
DOORS

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 optionally available subject to project approval. Furthermore it is possible to choose sliding doors and solid doors with overpanel and/or with sidepanels.

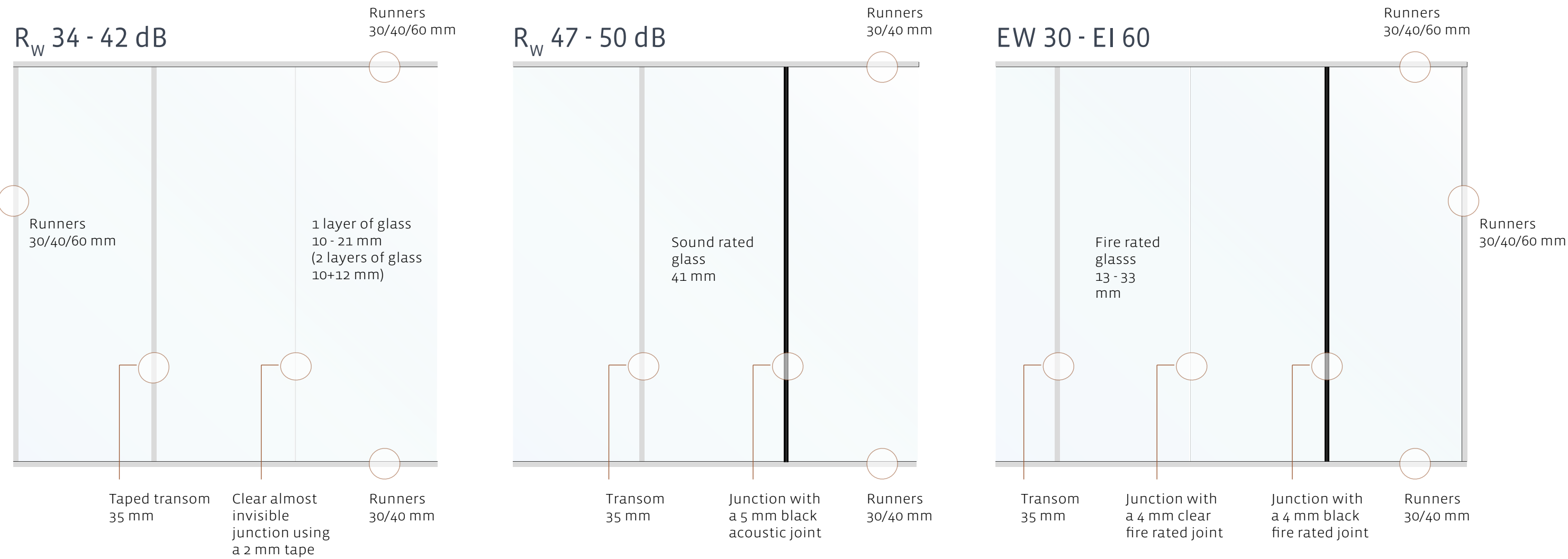
The door type is selected in accordance with the requirements to sound rating and fire rating and design.

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 40mm 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



WALL TYPES



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 med (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	●	●	●	●	●	●			●		●

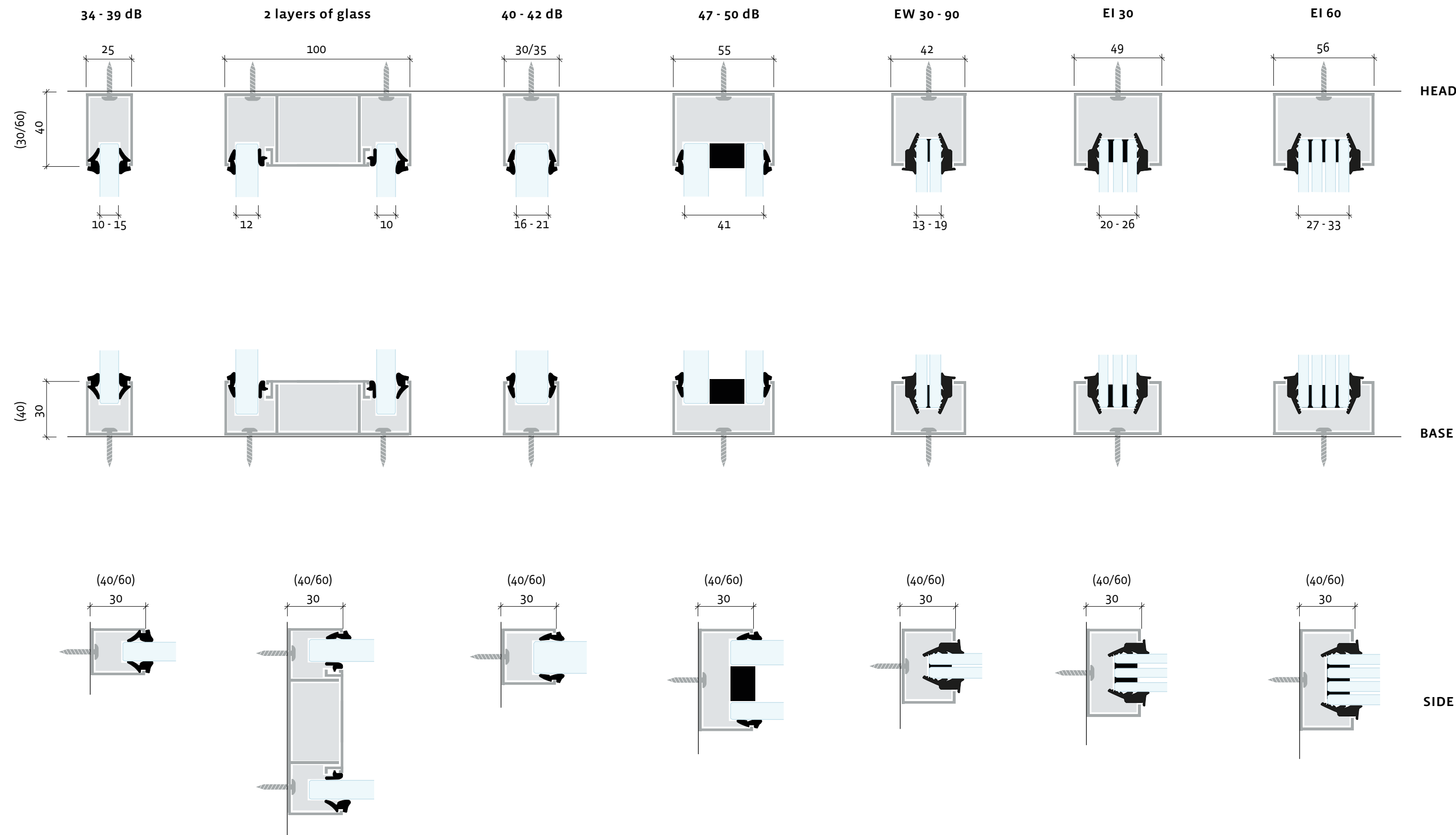
*) Contact Triplan

**) Taped transom

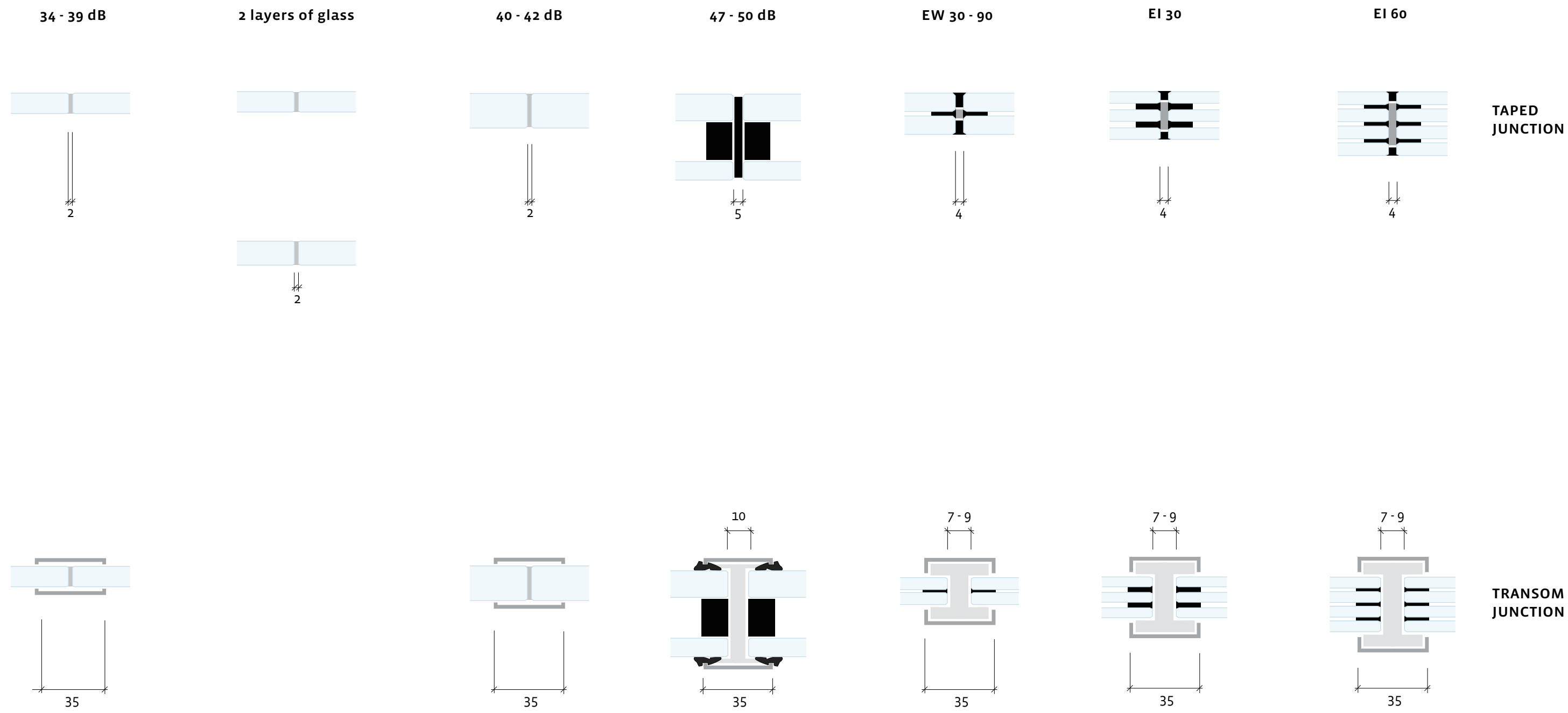
***) Sound rating of the glass:
Wall type R_w 34 - 42 dB: Up to 40 dB
Wall type R_w 43 - 50 dB: Contact Triplan.
Wall type EW 30 - 90: Up to R_w 41 dB
Wall type EI 30: Up to R_w 42 dB
Wall type EI 60: Up to R_w 43 dB

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

DRAWINGS



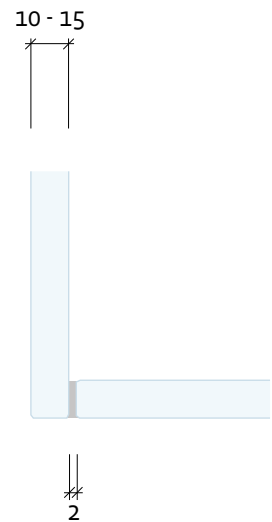
DRAWINGS



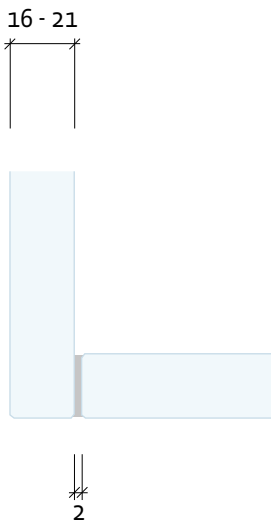
DRAWINGS

Examples of corner solutions in TRIPLAN LITE®

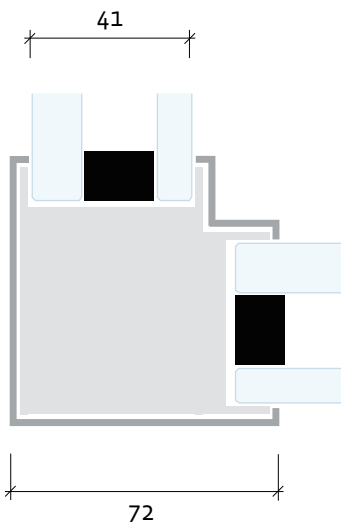
34 - 39 dB



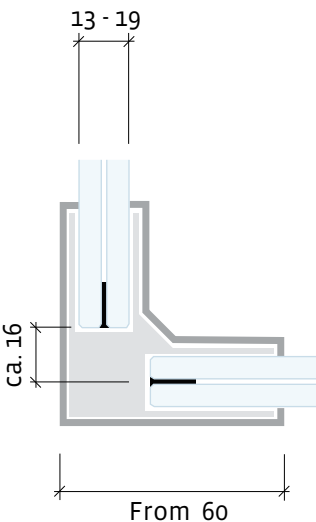
40 - 42 dB



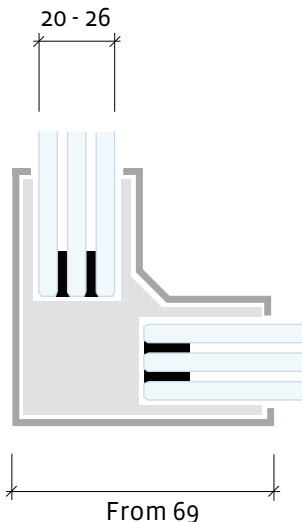
47 - 50 dB



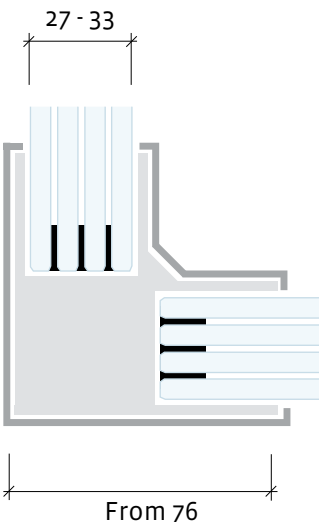
EW 30 - 90



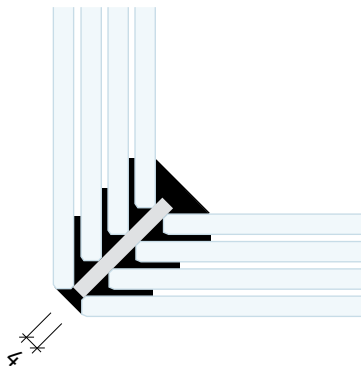
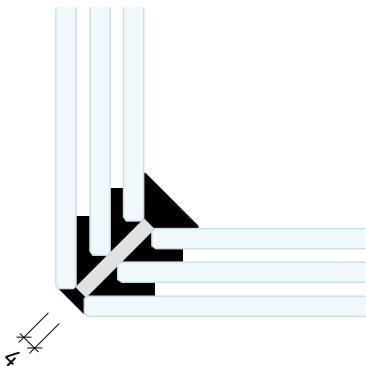
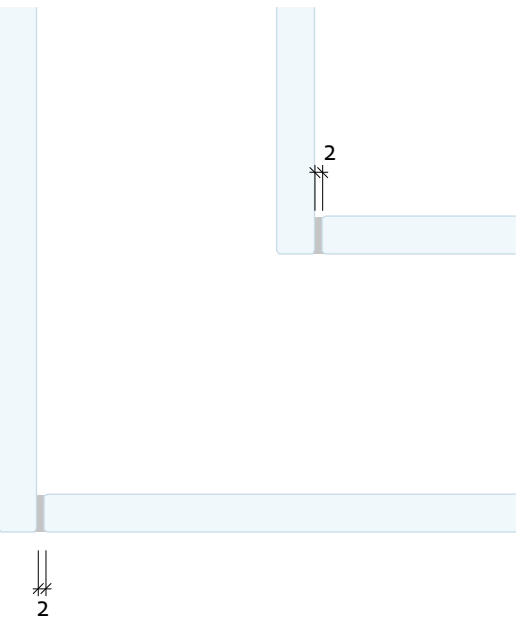
EI 30



EI 60



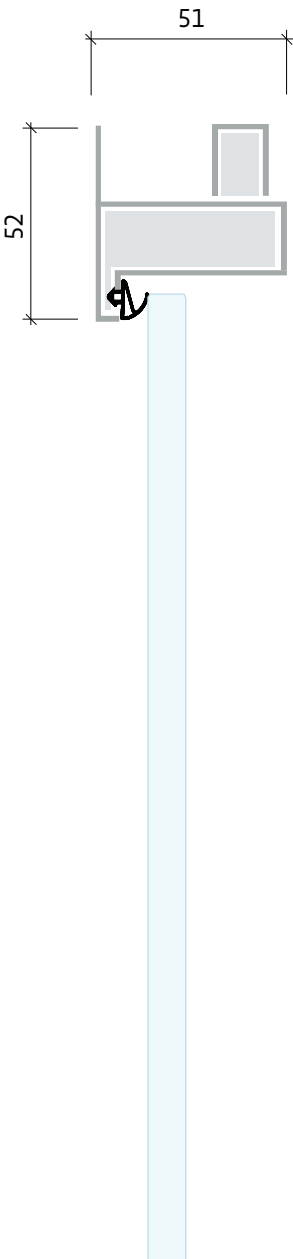
2 layers of glass



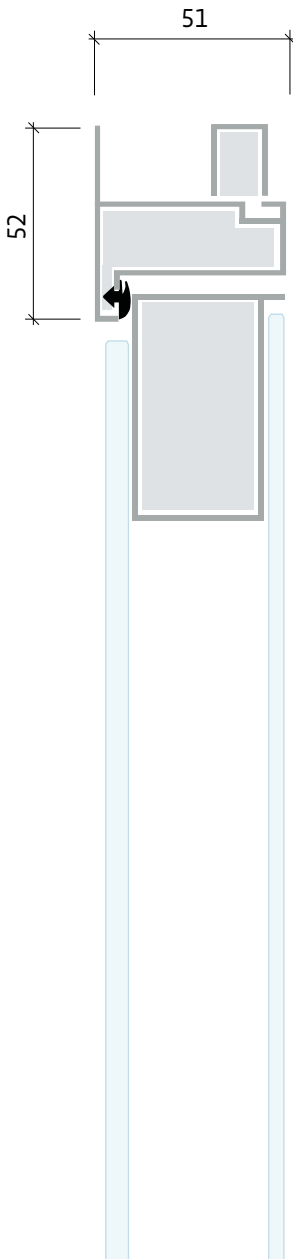
DRAWINGS

Examples of glazed door solutions in TRIPLAN LITE®

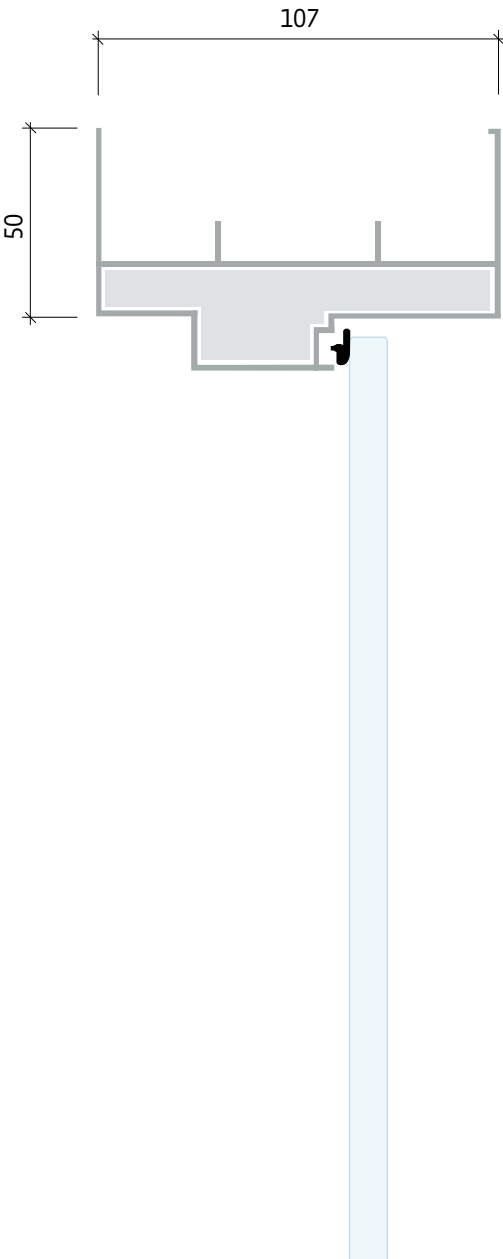
Glazed door in doorframe
(Wall type R_w 34 - 42 dB)



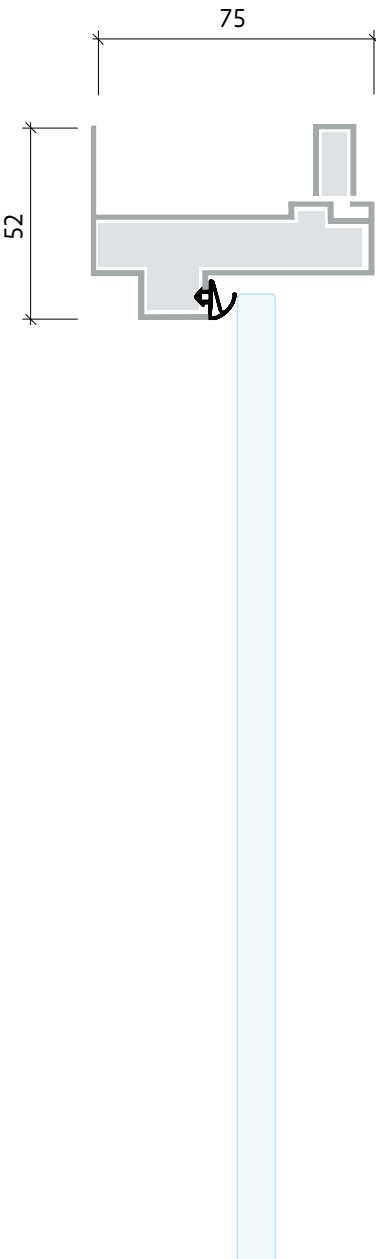
Framed glazed
door in door frame



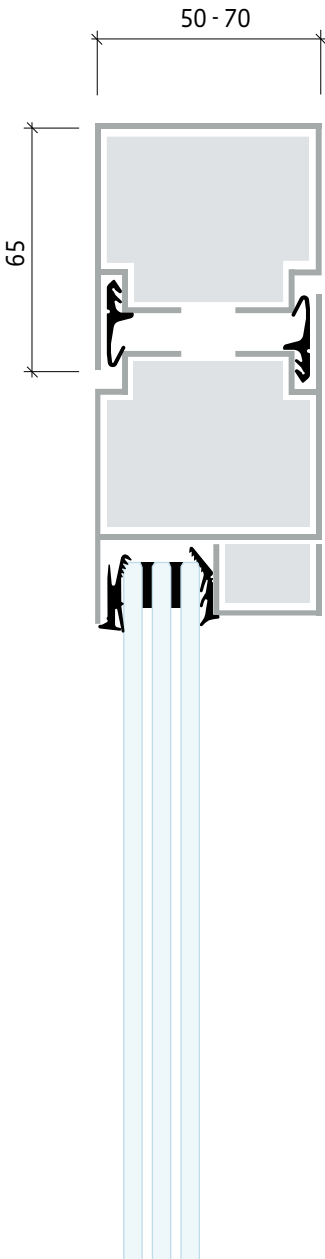
Glazed door in a
double glazed wall



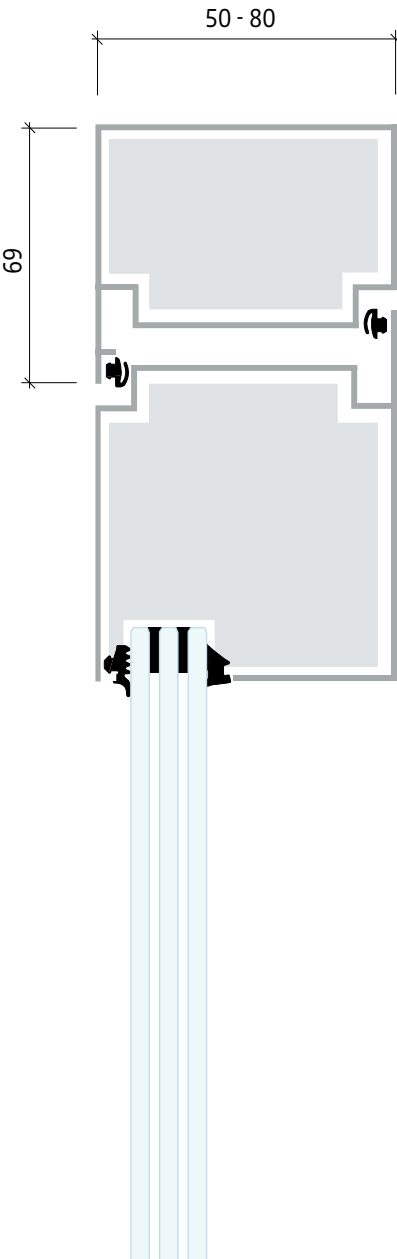
Glazed door in doorframe
(Wall type R_w 47 - 50 dB)



Steel framed
glazed door

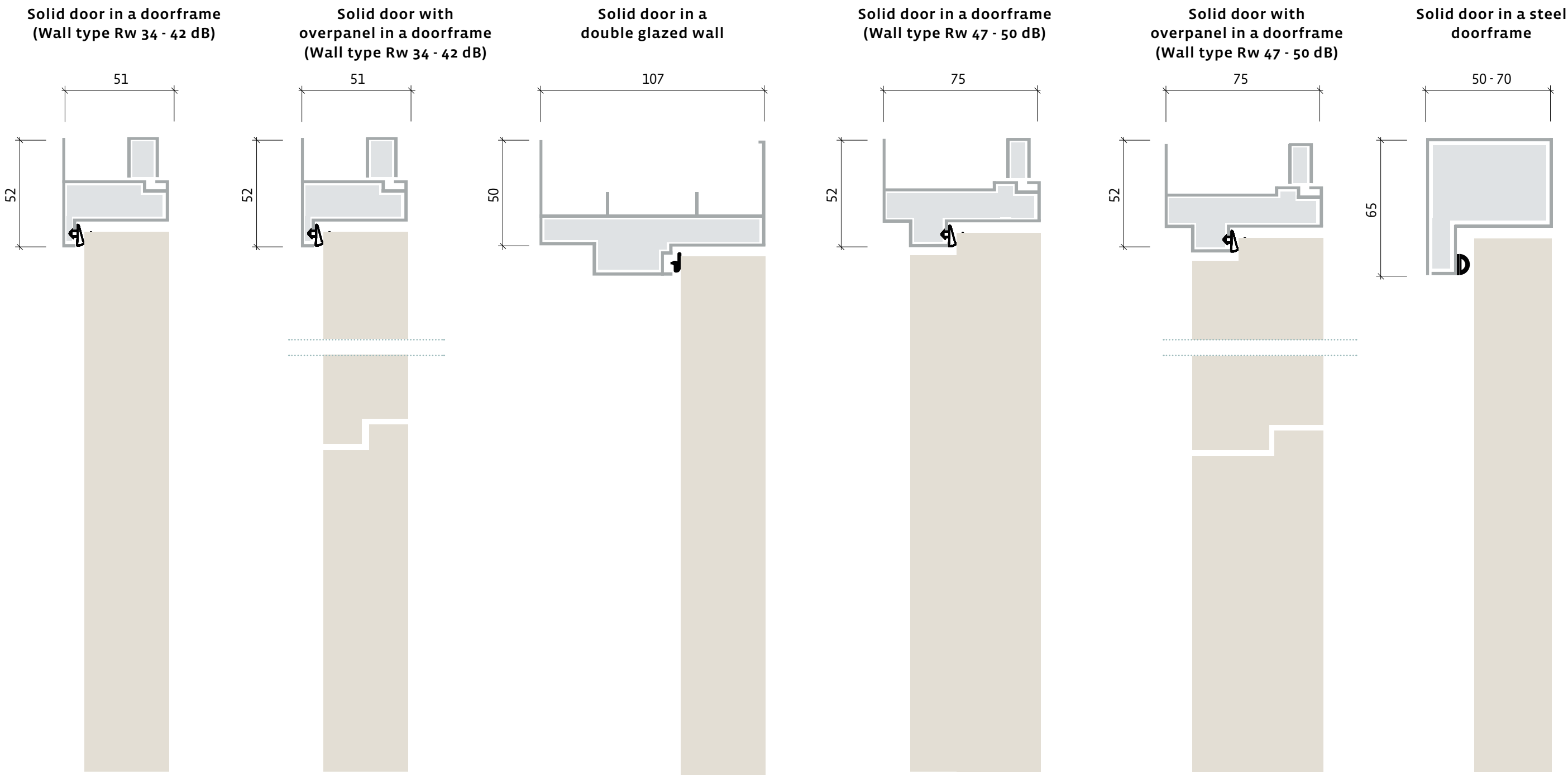


Alu framed
glazed door



DRAWINGS

Examples of solid door solutions in TRIPLAN LITE®



REFERENCES



 EI 60

FIRE RATED GLASS | FIRE RATED JOINT | BLACK FRAMING



 42 dB

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

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



47 dB

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



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.

