

TRIPPLAN LITE

TRIPPLAN 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 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 ver-

tically 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

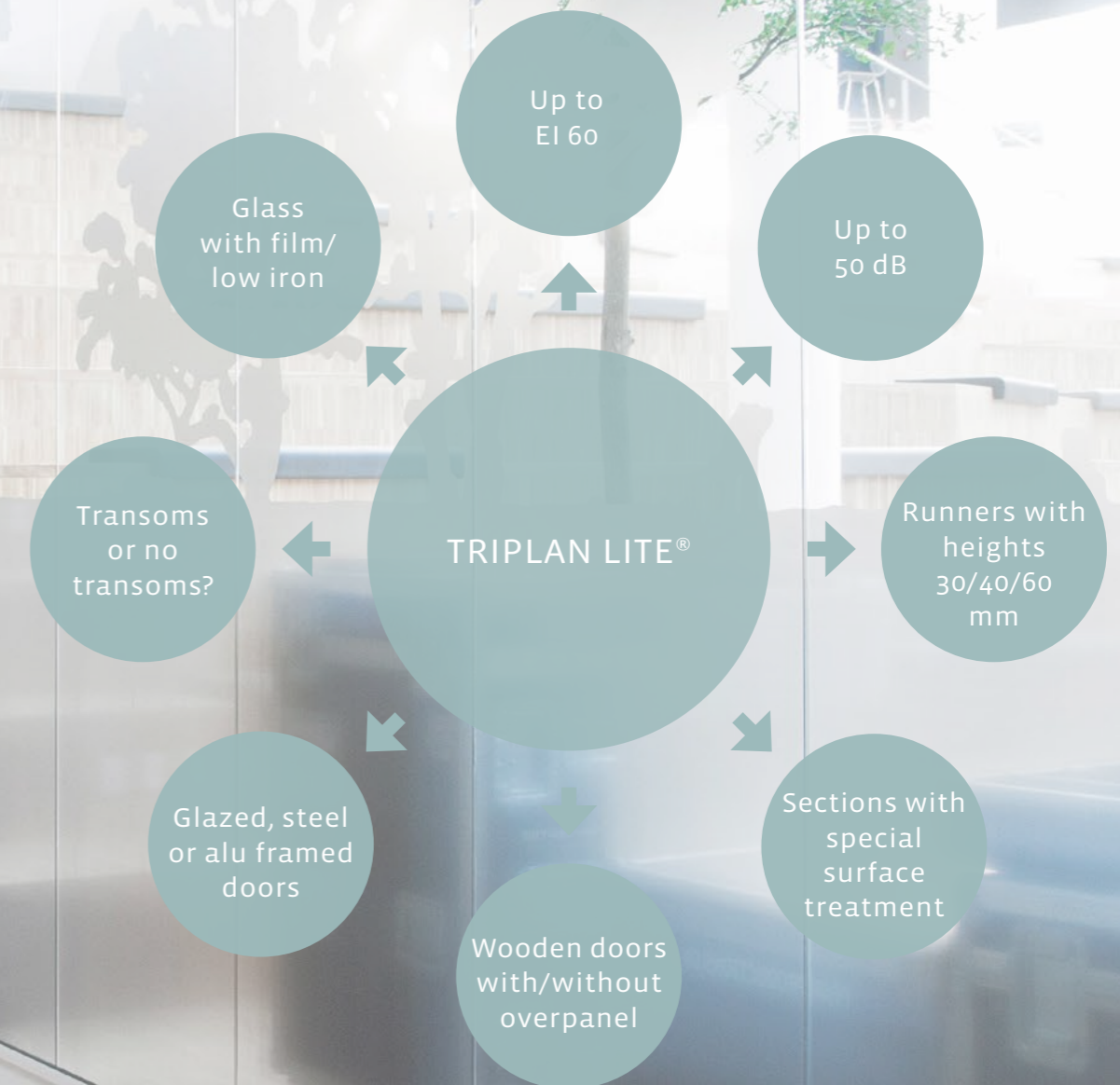
Doors are available as single or double glazed doors or wooden doors in slim steel or alu frames with or without over glass and optionally with a drop seal. Fire rated wooden doors are available. Furthermore it is possible to choose sliding doors and solid doors with overpanel and/or with sidepanels.

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

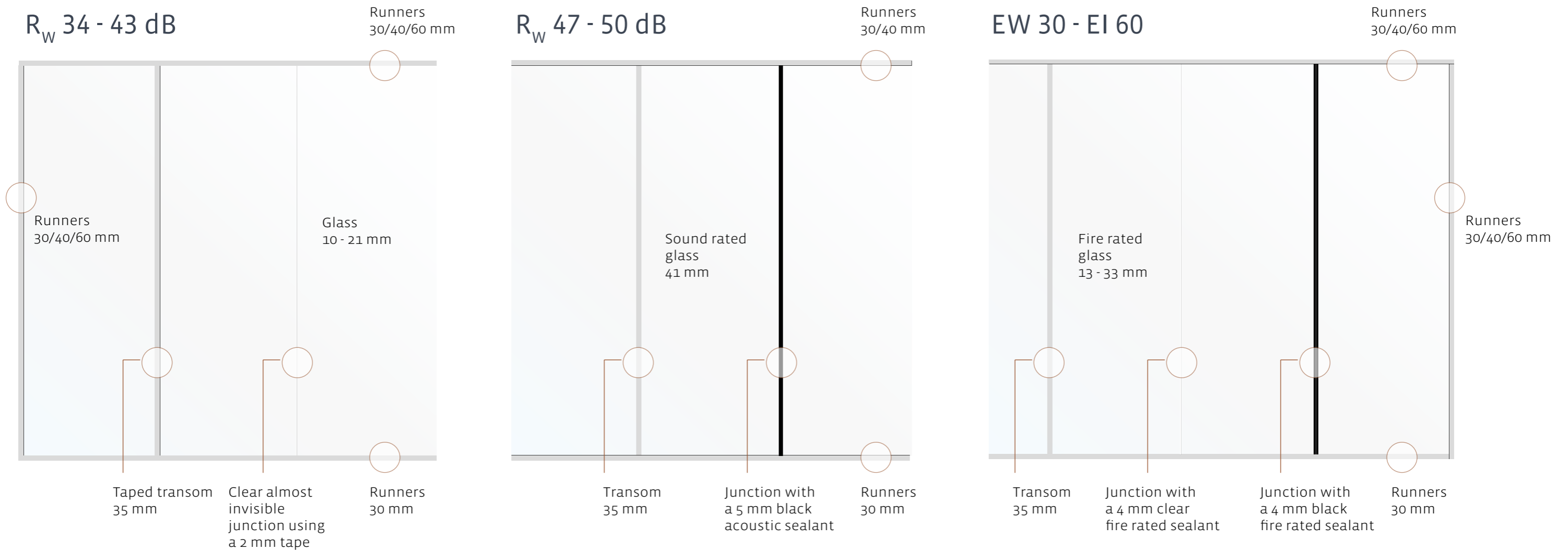


ABILITIES

- 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
















WALL TYPES



Product TRIPLAN LITE®	Profilhøjde mm	Wall thickness / Runner depth mm	Glass thickness mm	Maximum height of glass (contact Triplan for details)	Fire rating	Sound rating of glass (R _w)
34 - 43 dB	30/40/(60)	25/30/35	10 - 21	Up to 4.4 m	-	34 - 43 dB
47 - 50 dB	30/40	55	41	Up to 4.4 m	-	47 - 50 dB
EW 30 - EI60 ⁽¹⁾	30/40/(60)	42/49/56	13 - 31	Up to 3.5 m	EW 30 - EI 60	38 - 43 dB
EW 30 - EI60 ⁽²⁾	30/40/(60)	42/49/56	17 - 31	Up to 3.5 m	EW 30 - EI 60	39 - 43 dB

- (1) = Wall solution using transoms. (2) = Wall solution using taped junctions.
- The sound reduction depends on which type of glass and which thickness of glass that is selected
- Glass thickness depends on the height of the wall
- Glass height is indicative. Width and height ratios are interdependent. Contact Triplan

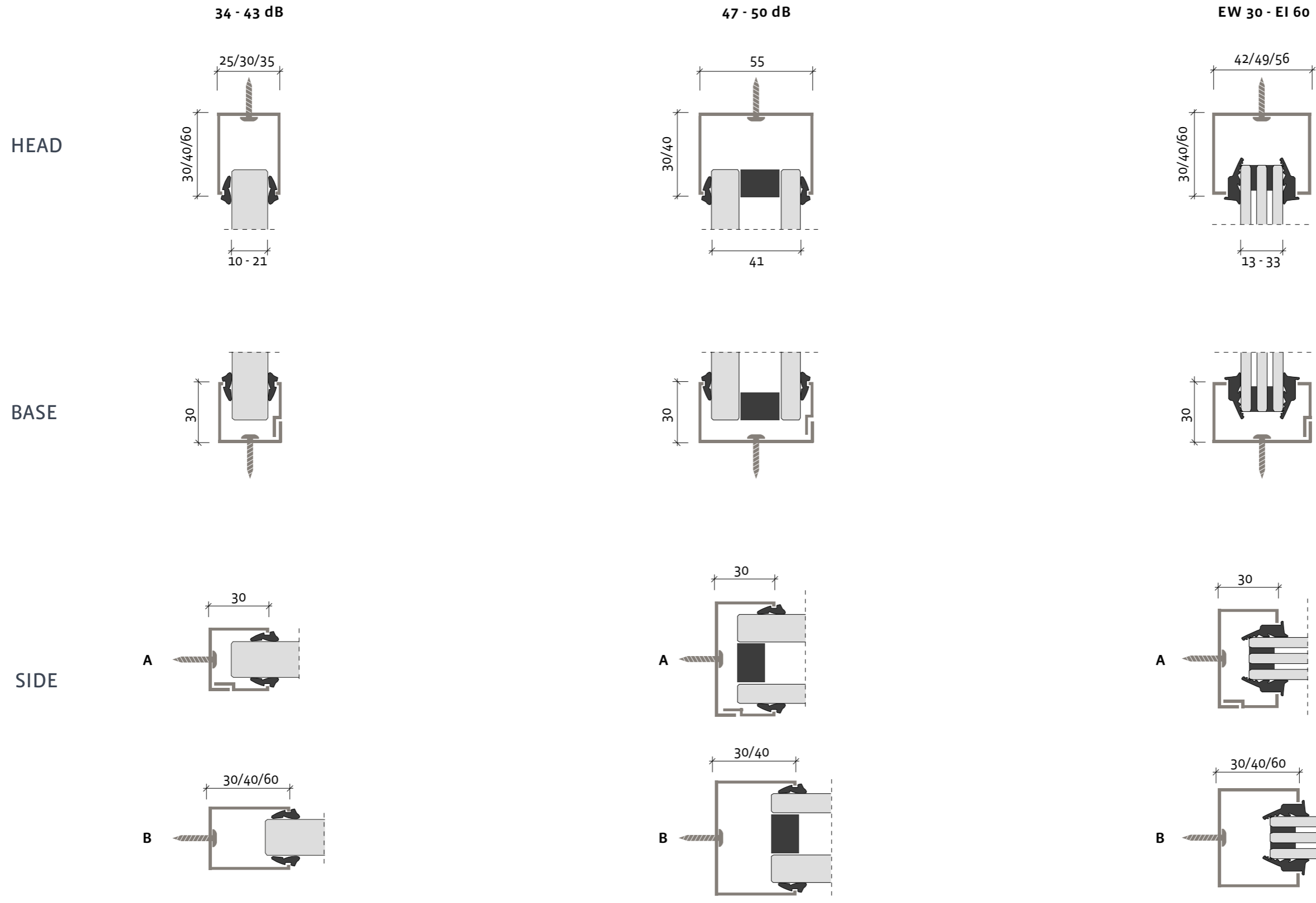
OPTIONS

TRIPLAN LITE®		Runner height			Junctions			Door leaves				
		30 mm	40 mm	60 mm	Clear sealant	Black sealant	Transom	Glazed door*	Framed glazed door R _w 30 - 35 dB	Steel framed - glazed door*	Alu framed glazed door*	Wooden door**
	Wall type											
	R _w 34 - 43 dB	●	●	●	●		●	●	●	●	●	●
	R _w 47 - 50 dB	●	●				●	●	●	●	●	●
	EW 30 - 90	●	●	●	●	●	●			●		●
	EI 30	●	●	●	●	●	●			●		●
	EI 60	●	●	●	●	●	●			●		●

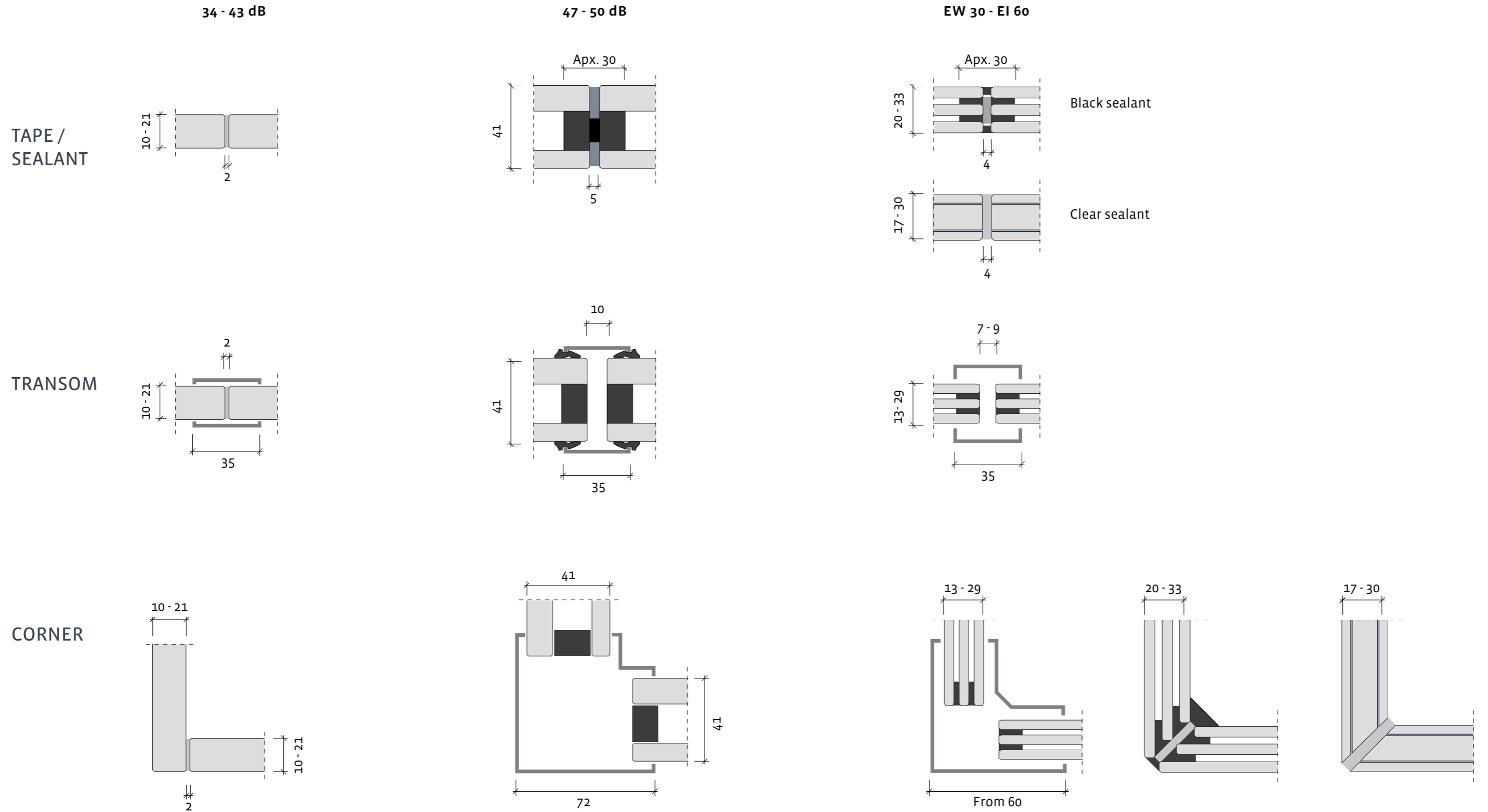
*) Sound reduction of the glass:
 Wall type R_w 34 - 43 dB: Up to R_w 40 dB
 Wall type R_w 43 - 50 dB: Up to R_w 40 dB
 Wall type EW 30 - 90: Up to R_w 41 dB
 Wall type EI 30: Up to R_w 43 dB
 Wall type EI 60: Up to R_w 43 dB

**) Sound reduction of the door leaf:
 Wall type R_w 34 - 43 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
 Wall type EI 30: Up to R_w 40 dB
 Wall type EI 60: Up to R_w 40 dB

ABUTMENTS

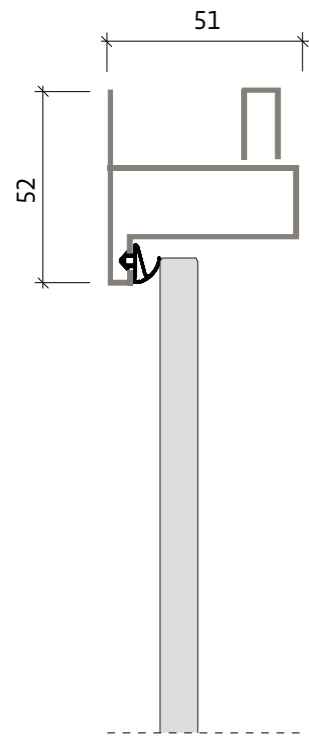


JUNCTIONS

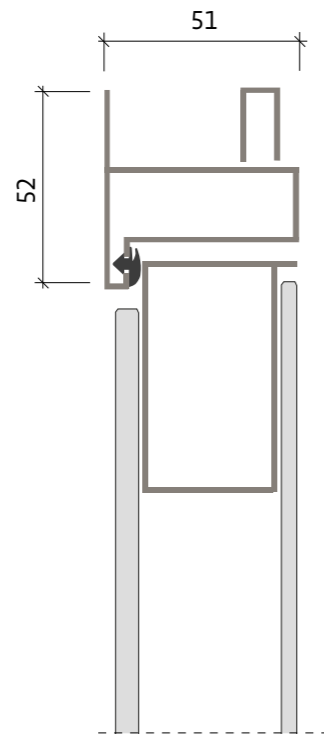


DOOR TYPES

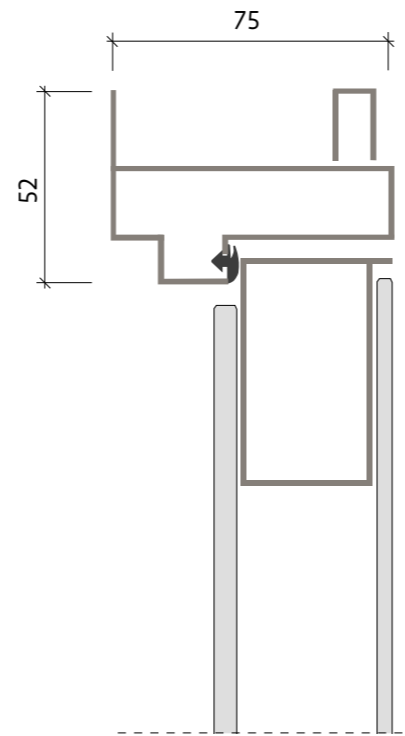
Glazed door



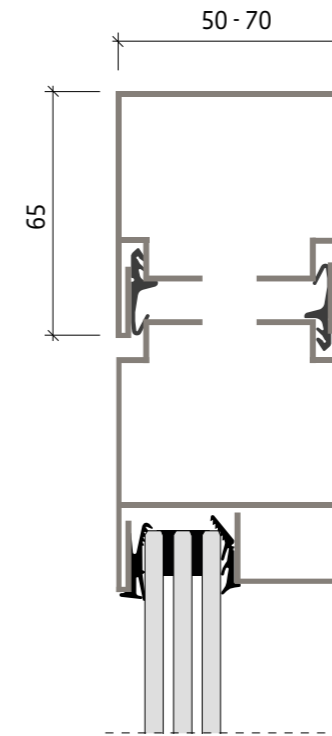
Framed glazed door



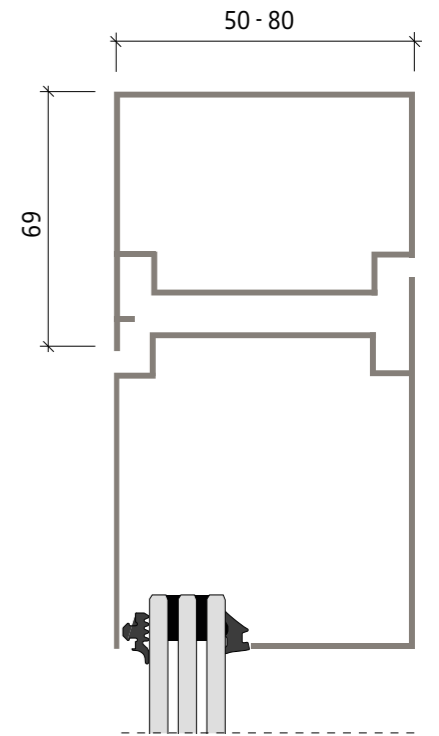
Framed glazed door (deep frame)



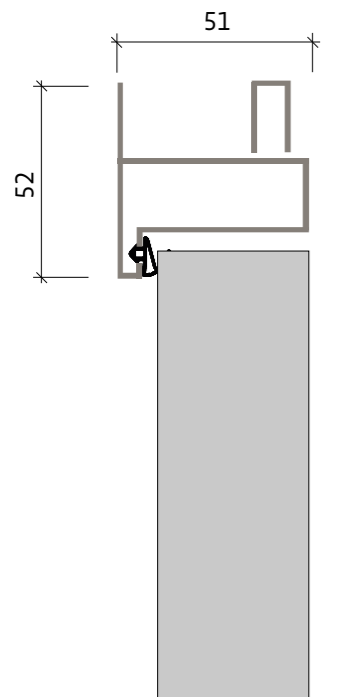
Steel framed glazed door



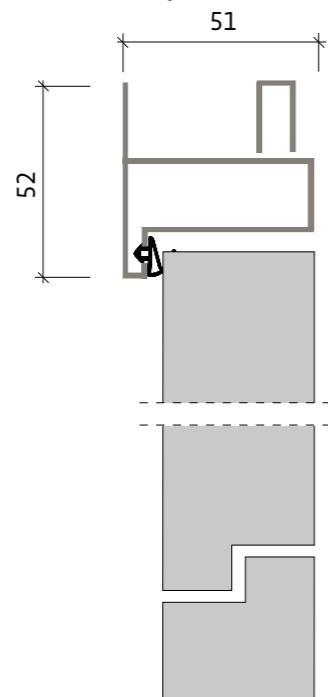
Alu framed glazed door



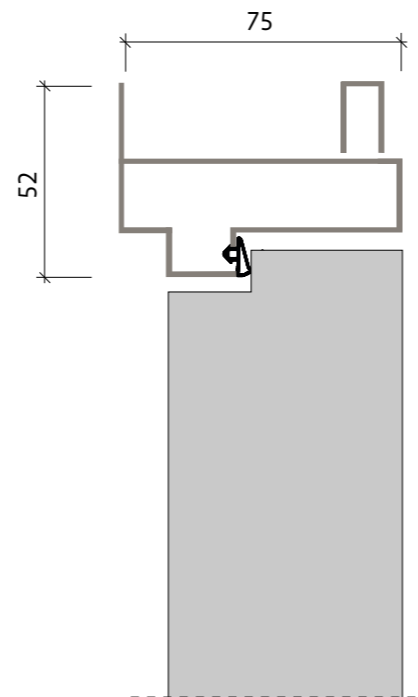
Wooden door



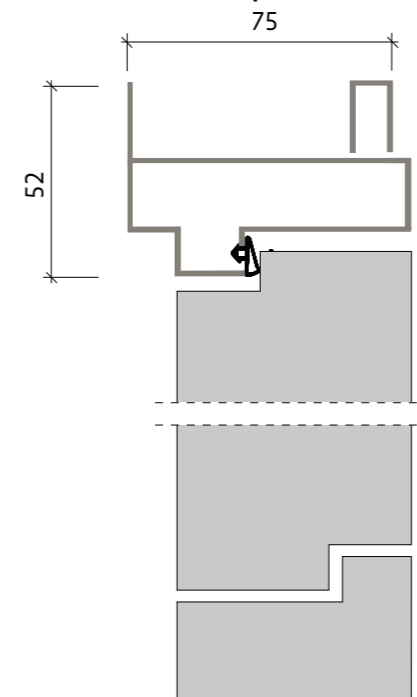
Wooden door with a solid panel above



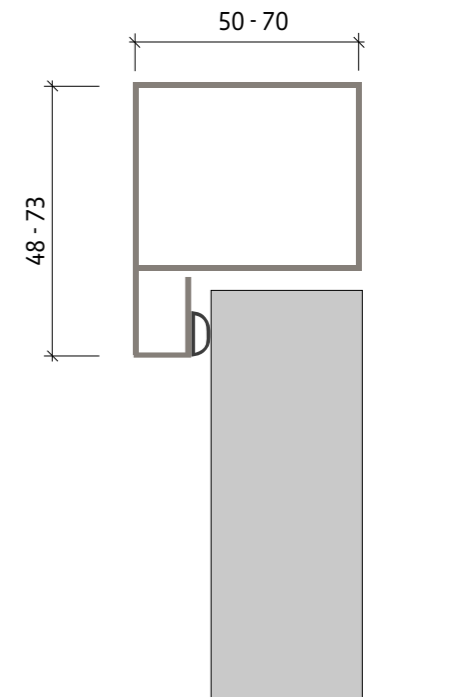
Wooden door (62 mm)



Wooden door (62 mm) with a solid panel above



Steel framed wooden door



REFERENCES



TRIPLAN LITE® | 34 - 43 dB.



TRIPLAN LITE® | EI 30. Sealed junctions and steel framed glazed door



TRIPLAN LITE® | EI 60. Sealed junctions and steel framed glazed door



TRIPLAN LITE® | 47 - 50 dB. Sealed junctions and wooden door

REFERENCES



TRIPLAN LITE® | E1 60. Sealed junctions and steel framed glazed door



TRIPLAN LITE® | 47 - 50 dB. Double wooden door



TRIPLAN LITE® | 34 - 43 dB. Framed glazed door and black glazed door

REFERENCES



TRIPLAN LITE® | 34 - 43 dB. Double glazed glass door with colored edges



TRIPLAN LITE® | EI 60. Junction with transoms



TRIPLAN LITE® | 34 - 43 dB. Double glazed glass door with colored frosted glass

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.

