

FACTS ABOUT TP ACOUSTIC

- TP Acoustic is a frameless glass wall system with a single layer of insulating glass.
- Sound reduction up to 50 dB Rw
- The glass is held in position by aluminium runners at head and floor and the glasses are joined vertically using an acoustic tape and liquid joint material. Optionally using a narrow aluminium H section.
- Doors are optionally glazed or solid, hung in the TP Acoustic doorframe.

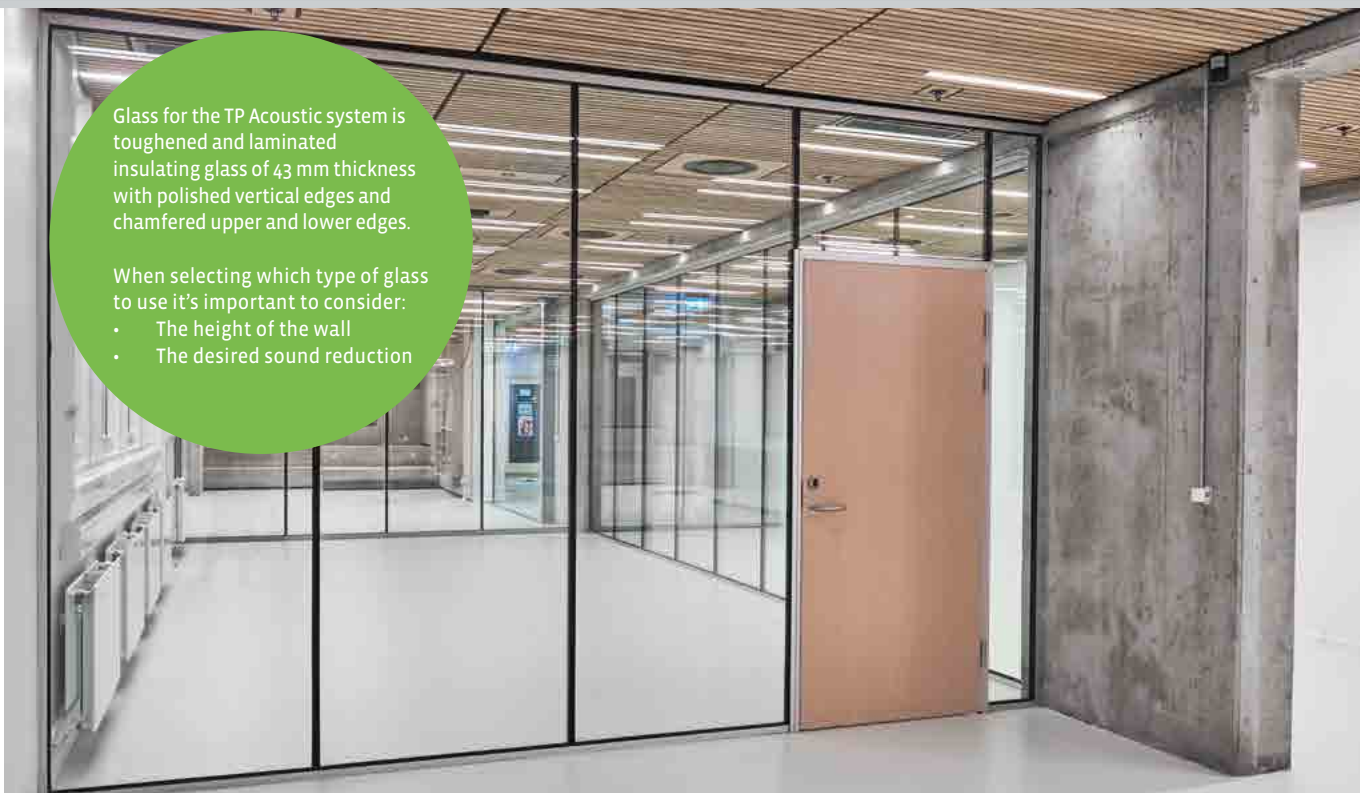
TP ACOUSTIC

ACOUSTICALLY RATED GLASS WALL

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1. WALL TYPES

2. DOOR TYPES



Glass for the TP Acoustic system is toughened and laminated insulating glass of 43 mm thickness with polished vertical edges and chamfered upper and lower edges.

When selecting which type of glass to use it's important to consider:

- The height of the wall
- The desired sound reduction



Doors optionally solid wooden doors or glazed doors in an alu door frame.

Standard doors are M9 or M10 but also available in optional width and height (contact Triplan). Doors optionally as single or double doors with or without glass above.

Wooden doors as standard with Abloy pin hinges. Lock case type flexible. Door colour NCS 0502Y or special colour. Glazed doors with 2 side hinges and a lock case to be agreed upon.

Solid doors optionally for electric strike plate, with drop seal, door closer and over panel. Glazed doors optionally with TP 1560 lock case for electric strike plate, drop seal, door closer or hydraulic hinges.

Door frames are in aluminium, anodized finish or powder coated in white RAL 9010 or optionally in a special colour.

Glass type	Weight glass kg/m ²	Sound reduction of the glass
43 mm (1) glas	43	Rw 47 dB*
43 mm (2) glas	53	Rw 50 dB*

*Calculated values

The glasses are joined vertically using a 5 mm thick TP Acoustic joint (site applied) or using a narrow vertical 34 mm aluminium H section.

DOOR SOLUTIONS

See detail drawings at triplan.net

Horizontal section. Solid door.

Horizontal section. Glazed door.

Vertical section. Solid door with glass above.

Vertical section. Glazed door with glass above.

ABUTMENTS

See detail drawings at triplan.net

Vertical section. Floor detail. Split 30 mm floor runner.

Horizontal section. Wall abutment. 30mm or 40mm runner.

Vertical section. Head detail. 30mm or 40 mm U-runner.

JOINTS

Module joint. 5 mm tape + liquid joint material.

Module joint. Split H section.

Corner detail. Corner section.



TP ACOUSTIC

– An acoustically rated glass wall system

- Tall walls – up to 4.5 m
- Easy to install
- Slim design
- Triplan standard components
- The TP Acoustic door frame is compatible with TP Lite
- The door frame is quickly installed
- It's possible to switch the door frame if you wish to convert a glazed door into a wooden door or vice versa.
- If you use same module width for the glasses as for the door, then you are able to move the door's position easily.

Read
more at
triplan.net

OPERATION AND MAINTENANCE

Glass: **Cleaning for the first time:**
Glass delivered from Triplan A/S has been washed, but not polished. Can be wiped off with a weak ammonium chloride solution followed by washing with clean water and drying with a dry cloth.

Ongoing cleaning:
Glass should be washed as needed using a suitable cleaning agent and polished with a soft cloth. Use clean water and equipment to avoid scratches.

Doors: Door surfaces and frames are cleaned by wiping them with a moistened cloth, wrung with a weak solution of water and ordinary cleaning agent. Avoid cleaning agents containing alcohol, solvents, chlorine or ammonium chloride. Hinges and lock cases should be lubricated as needed, but at least once a year.

Runners: Sections and sealing tape should be cleaned by wiping them with a moistened cloth wrung with a weak solution of water and ordinary cleaning agent. Avoid cleaning agents containing alcohol, solvents, chlorine or ammonium chloride.



The TP system also includes

TP Lite

TP Lite Twin

TP Fire