

# TRIPLAN LITE® GLAZED WALLS



# ONE SYSTEM – ENDLESS OPTIONS

## TRIPLAN LITE® GLAZED WALLS

TRIPLAN LITE® is a light and elegant glazed partitioning solution that meets all common demands to fire resistance and sound insulation in one single design. Equal for all variations in the system are the narrow runners at head and base and the simple doorframes for glazed doors or wooden doors.

## SOUND AND FIRE ABILITIES

TRIPLAN LITE® provides the perfect combination of technically well-founded solutions and freedom design wise. Select between several fire rating classifications from E to EI and optional sound insulations up to 50 dB Rw.

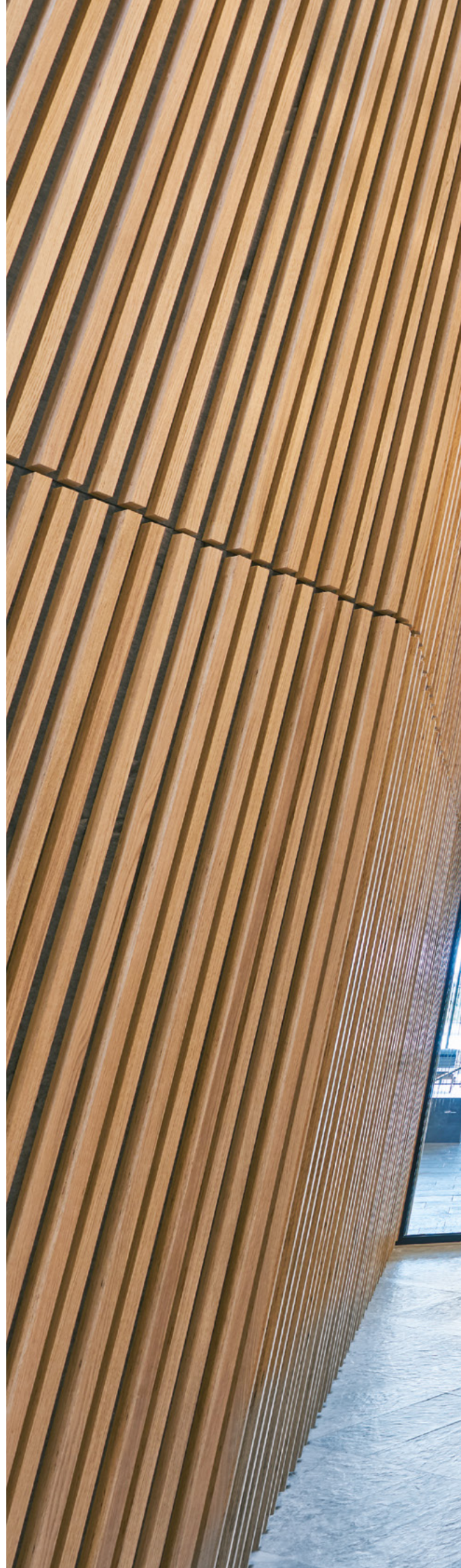
## DESIGN CATEGORIES

Enjoy endless design options with the TRIPLAN LITE® glazed partitioning system. The design is divided into 3 main categories:

- ALU: The classic glazed office front
- NEW YORK: A modern take on an old classic
- WOOD: The familiar solution in a warm and beautiful finish

TRIPLAN LITE® is produced as a standardized system at Triplan's own factory which ensures a quick supply. At the same time it's easy to modify things individually for a bespoke solution that suits your project.

TRIPLAN LITE® glazed partitioning system has obtained an environmental declaration and is produced in Denmark.





TRIPLAN LITE® | 34 - 43 dB is a classic glazed wall with focus on daylight, simplicity and transparency. Quick installation.

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Sound reduction up to:  $R_w$  43 dB\* The sound reduction of the glass

Wall thickness: 25 - 35 mm

Wall height up to: 4.6 m

Fire resistance up to: —



Clear junction



Black junction



Transom





TRIPLAN LITE® | 46 - 50 dB is the glazed front with aesthetics and functionality in one solution. A simple and elegant expression and extra high sound insulation.

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Sound insulation up to:  $R_w$  50 dB\* The sound reduction of the glass

Wall thickness: 55 mm

Wall height up to: 4.6 m

Fire resistance up to: —



Black junction



Transom

TRIPLAN LITE® | E - EI has same simple and minimalistic expression as the other glazed walls in the TRIPLAN LITE®-series, combined with high fire resistance.

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Sound insulation up to:  $R_w$  43 dB\* The sound reduction of the glass

Wall thickness: 42 - 56 mm

Wall height up to: 3.5 m

Fire resistance up to: EI 60



Clear junction



Black junction



Transom





TRIPLAN LITE® | ALU is the classic simple glazed front design, designed with runners and frames in natural anodized or painted surface.

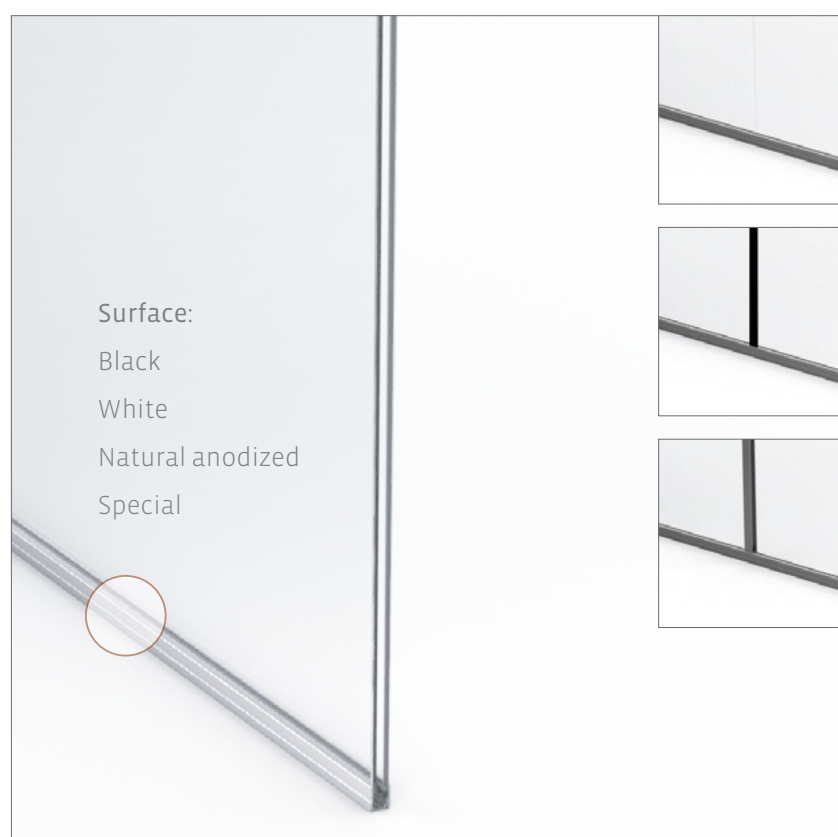
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Sound reduction up to:  $R_w$  50 dB\* The sound reduction of the glass

Wall thickness: 25 - 56 mm

Wall height up to: 4.6 m

Fire resistance up to: EI 60



TRIPLAN LITE® | WOOD is an exclusive design with a warm and beautiful finish. Runners and doorframes are covered by FSC certified solid oak sections.

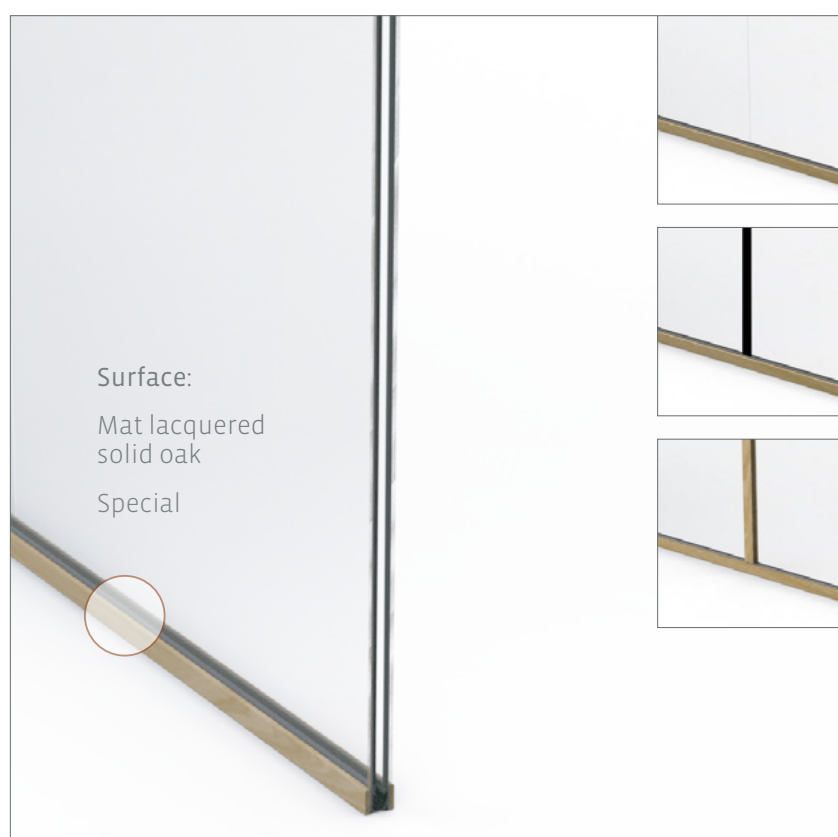
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Sound reduction up to:  $R_w$  50 dB\* The sound reduction of the glass

Wall thickness: 35 - 66 mm

Wall height up to: 4.6 m

Fire resistance up to: EI 60\* Subject to project approval







TRIPLAN LITE® | NEW YORK is the classic glazed front completed with slim transoms that with an industrial look provides an edge to the decoration.

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Sound reduction up to:  $R_w$  50 dB\* The sound reduction of the glass

Wall thickness: 25 - 56 mm

Wall height up to: 4.6 m

Fire resistance up to: EI 60\* Subject to project approval

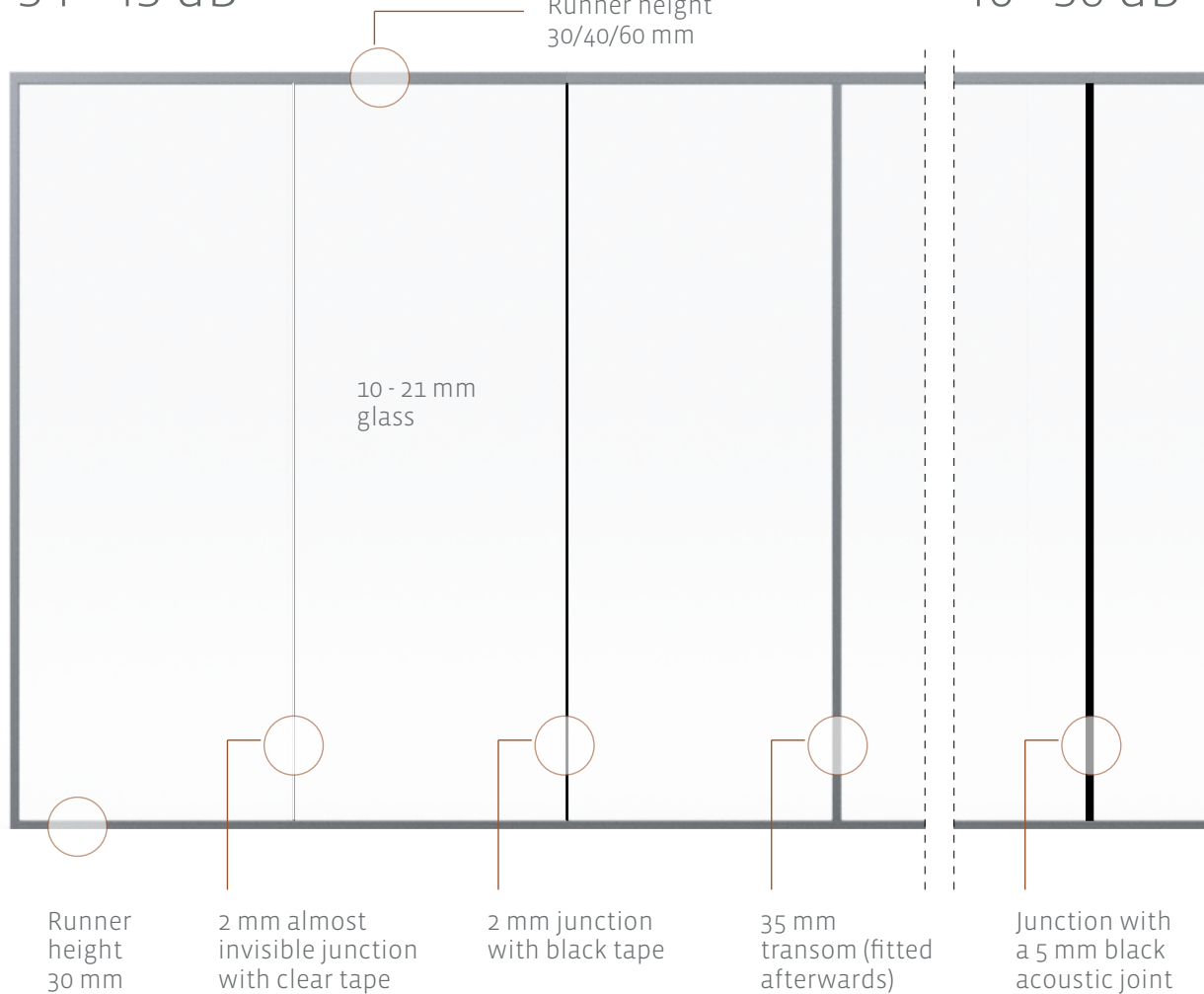


# TRIPLAN LITE® | WALL TYPES

34 - 43 dB

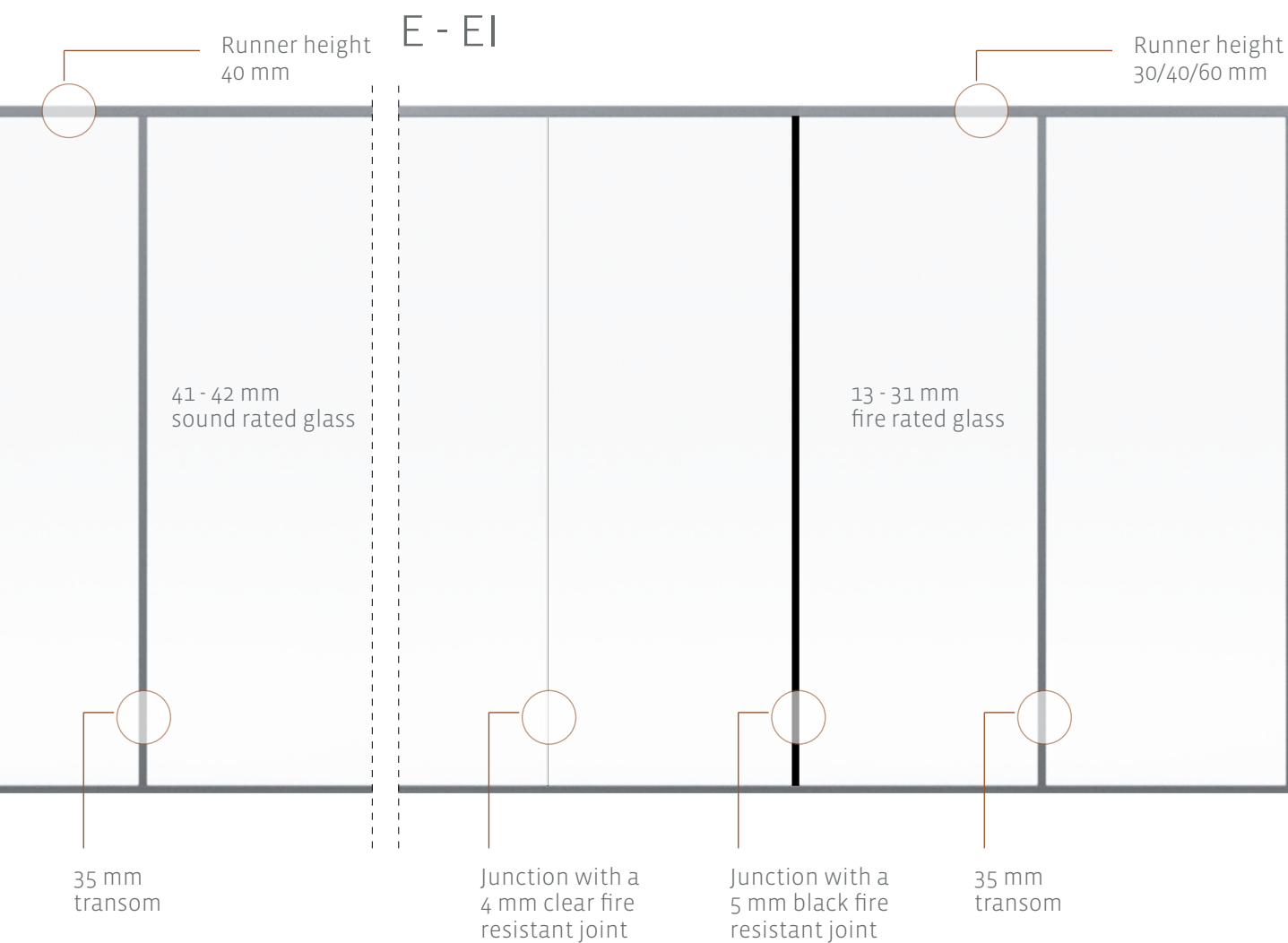
Runner height  
30/40/60 mm

46 - 50 dB



WALL TYPE	RUNNER HEIGHT	WALL THICKNESS
TRIPLAN LITE®   34 - 43 dB	30   40   60 mm	25   30   35 mm
TRIPLAN LITE®   46 - 50 dB	30   40 mm	55 mm
TRIPLAN LITE®   E - EI	30   40   60 mm	42   49   56 mm

- The sound reduction depends on which glass type and thickness of glass that is used.
- The glass thickness depends on the room height.
- The glass height is a recommendation. Width and height relations are interdependent.






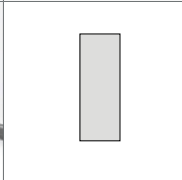
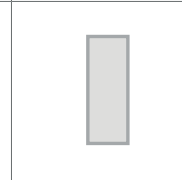
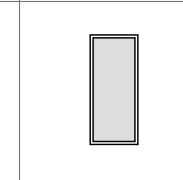
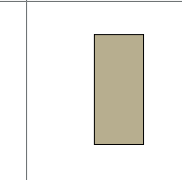
GLASS THICKNESS	GLASS HEIGHT MAX.	FIRE CLASSIFICATION	SOUND REDUCTION GLASS
10 - 21 mm	4.6 m	–	34 - 43 dB
41 - 42 mm	4.6 m	–	46 - 50 dB
13 - 31 mm	3.5 m	E 30 - EI 60	38 - 43 dB

	DESIGN		
CATEGORY	ALU	WOOD	NEW YORK
WALL TYPE			
TRIPLAN LITE®   34 - 43 dB	•	•	•
TRIPLAN LITE®   46 - 50 dB	•	•	•
TRIPLAN LITE®   E - EI	•	• *	• *

\* Subject to project approval

## FACTS ABOUT TRIPLAN LITE®

- Safety glass in individual sizes
- Different glass types
- Fire tested, patented E 30 - EI 60
- Sound tested with sound reduction up to Rw 50 dB
- Glass junctions with tape, joint or transom
- Profiles in height 30, 40 or 60 mm
- Surface of framing: White, black, natural anodized or special colour
- Gaskets in rubber
- Different doorframe types with different sound reduction and fire resistance abilities
- Slim doorframes in aluminium or steel
- Easy to install and easy to move and reuse

JUNCTIONS (GLASS)			DOOR TYPES			
CLEAR	BLACK	TRANSOM	GLAZED DOOR**	2-LAYER GLAZED DOOR	STEEL FRAMED GLASS DOOR**	SOLID DOOR***
						
•	•	•	•	•	•	•
	•	•	•	•	•	•
•	•	•			•	•

\*\* The sound reduction of the glass:  
 Wall type  $R_w$  34 - 43 dB: Up to  $R_w$  40 dB  
 Wall type  $R_w$  46 - 50 dB: Up to  $R_w$  40 dB  
 Wall type E 30 - EI 60: Up to  $R_w$  43 dB

\*\*\* The sound reduction of the door leaf:  
 Wall type  $R_w$  34 - 43 dB: Up to  $R_w$  35 dB  
 Wall type  $R_w$  46 - 50 dB: Up to  $R_w$  40 dB  
 Wall type E 30 - EI 60: Up to  $R_w$  40 dB



# GLAZED WALLS IN DANISH QUALITY

## TRIPLAN – INTELLIGENT WALL SOLUTIONS

Triplan / Triva was founded in 1946. With a long experience in design and manufacture of glazed wall systems and other types of partitions, Triplan is today a well-consolidated company with thoroughly tested products in high quality. Triplan has designed and delivered glazed walls for buildings in all sizes - both in Denmark and worldwide.

Glazed walls are an elegant and functional solution, when you want daylight and transparency in the interior layout and still have requirements to reduce noise nuisance.

In close collaboration with both architects and our customers, we help to design and produce glazed walls, ensuring transparency, openness and flexibility – also with extra high demands regarding sound insulation or fire resistance.

Our production takes place in Denmark at our own factory and is carried out by highly specialized employees.

With TRIPLAN LITE®, we have created a glazed wall system in high quality that meets requirements for fire classification, sound rating and safety. All you have to do is choose.

