structo WALL SYSTEMS

A SPATIAL WAY OF THINKING — QUALITY DESIGN FROM ESTONIA — structo



DOUBLE GLASS DOOR WITH ALUMINUM DOOR FRAME AND FRAMED OVERLIGHT

FITS PERFECTLY WITH A FULL GLASS WALL

PORTA–66GS

Maximum external dimensions of the product (width x height):	990 x 3000 mm
Maximum external dimensions of the door frame without overlight (width x height):	990 x 2450 mm
Door panel glass thicknesses:	5mm + 8.76mm
Soundproofing:	Rw = 42 dB

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PORTA–66GS | TECHNICAL DESCRIPTION

PORTA-66GS is a portal system made of aluminum profiles and has incresed sound insulation compared to PORTA-53GS.

The symbol "GS" in the product name means a door frame with overlight and a glass door panel in an aluminum frame.

The portal can be completed with ALUSLIM-24 door panel that has a 24 mm thick aluminum frame with double glazing (5mm + 8.76mm glass).

In the overlight can be used a glass panel with a thickness of 20.78mm (1010.2).

The surface of the glass can be bright, very bright, mass-tinted, background-painted or matte.

The standard surface finish of aluminum profiles is natural (silver) anodizing but it is also possible to order a painted surface according to the RAL colour catalogue.

The standard fittings are:

ASSA 565 lock case (Valnes E114 for EURO cylinder) and visible hinges ABLOY 3248 or hidden hinges IN303.
In case of electric locking standard fittings are lock case EL580, cable EA211 and lead cover EA280.

It's possible to use other fittings, but please contact our sales team about compatibility.

The range of thresholds includes an aluminum profile threshold with a silicone seal + a descending seal or double descending seal.

Openable side section ELZONE-92M or ELZONE-120M can be installed on one or both sides of PORTA-66GS, which is ideal for connectors, switches, cabling, etc. Minimum width of the side section when installing electrical accessories is 140mm. More information about side sections under the product "ELZONE-92M„ or „ELZONE-120M".

PORTA-66GS has a connection possibility to different one or two layer glass walls.

Soundproofing measured in laboratory (Rw) with ALUSLIM-24 door panel:

Rw = 42 dB

Maximum external dimensions of the product (width x height):	990 x 3000 mm

Maximum external dimensions of the door frame (width x height):

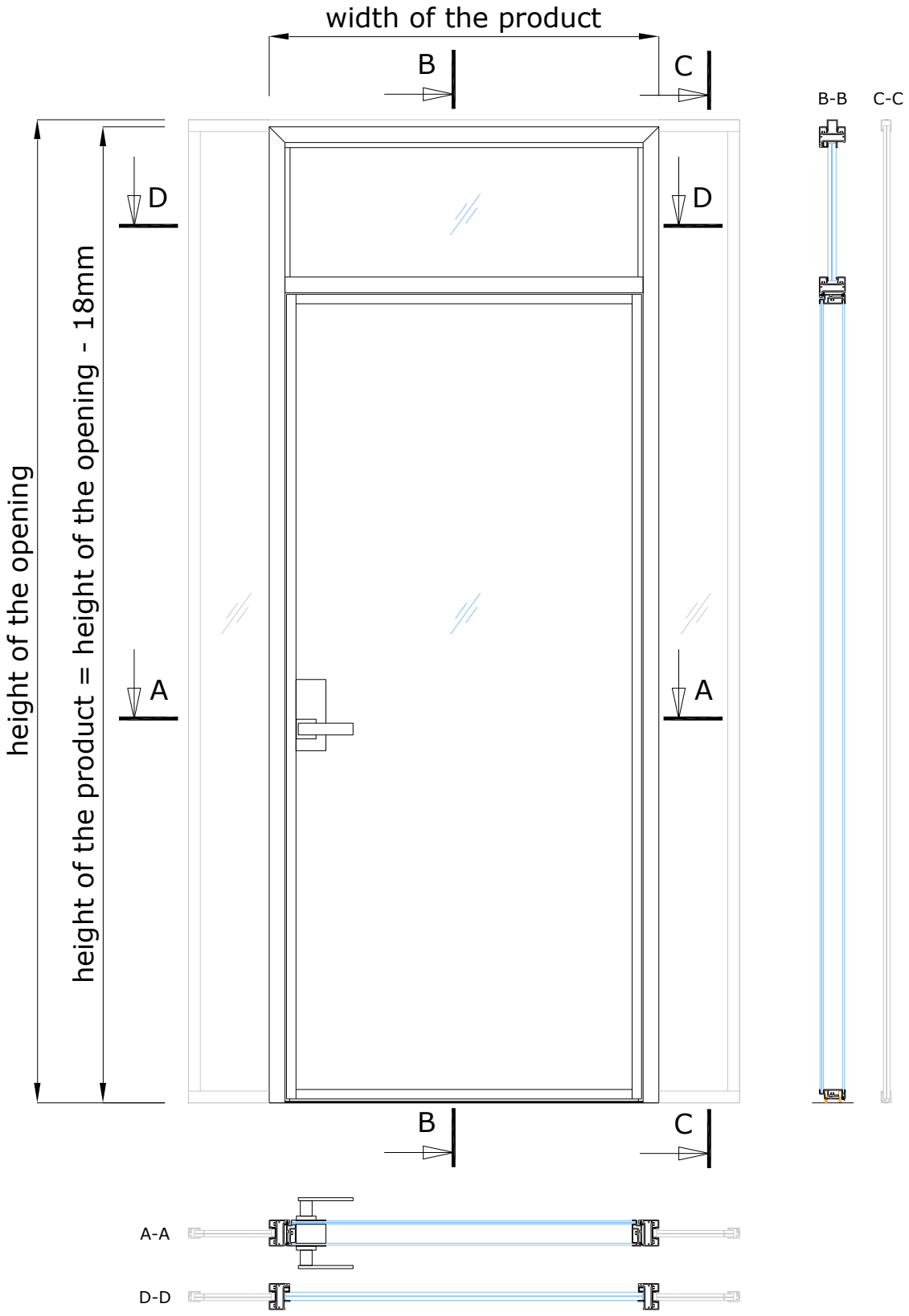
With ALUSLIM-24 door leaf	990 x 2450 mm*

* With Abloy 3248 hinges

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PORTA–66GS

WITH INWARDS OPENING ALUSLIM-24
DOOR PANEL

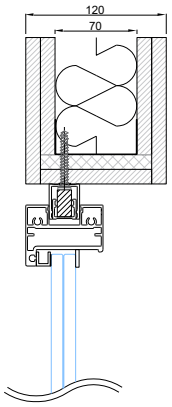


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PORTA–66GS | CONNECTION UNITS

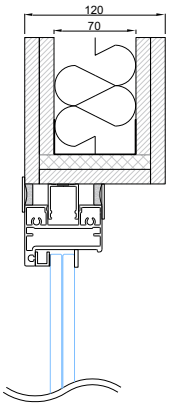
CONNECTION WITH CEILING

B-B

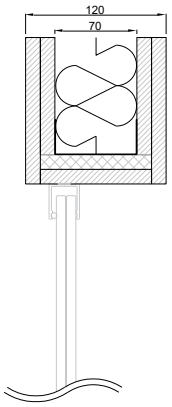


CONNECTION WITH CEILING WITHOUT ADJACENT GLASS WALLS

B-B



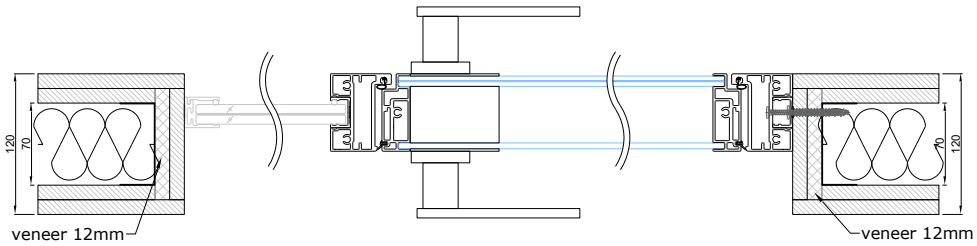
C-C



CONNECTION WITH WALL

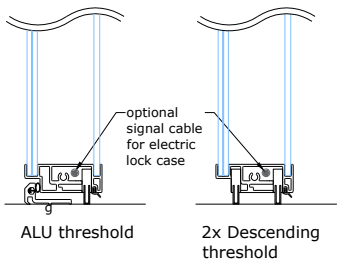
CONNECTION WITH GLASSLINE-32 GLASS WALL

A-A



CONNECTION WITH FLOOR

B-B

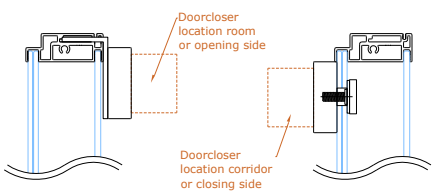


C-C



- ○ - seal, EPDM-50Dha_5mm_ BLACK
- g - glued connection
- ⚲ - seal, VS118/8 black, white, dark gray
- ‖ - seal, FIX-SEAL/S 3x10mm, black
- ▭ - mastic sealant (optional when max soundproofing is required)

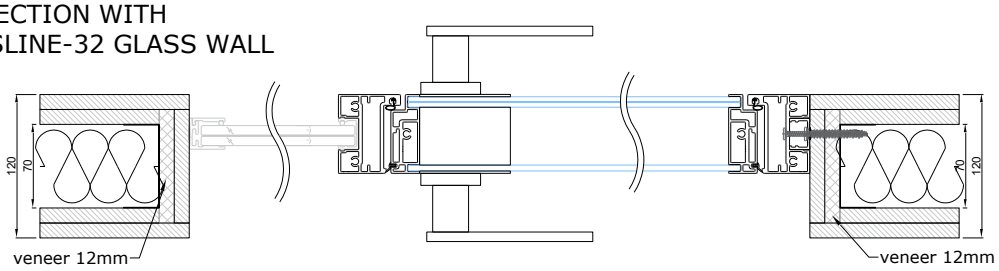
DOORCLOSER PREPARATION



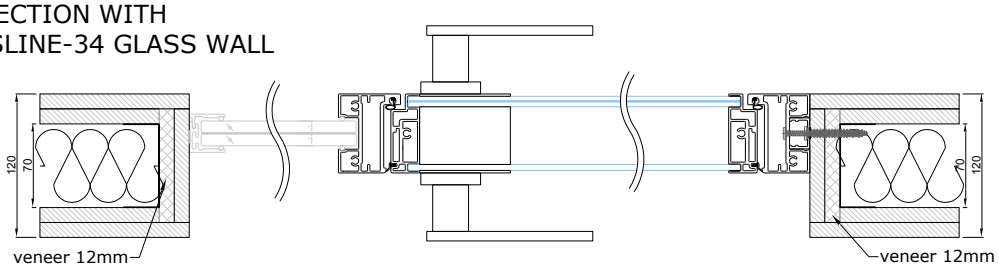
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PORTA–66GS | CONNECTION UNITS

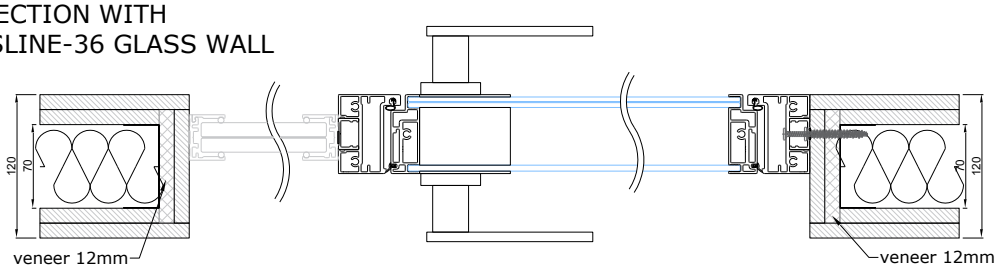
CONNECTION WITH GLASSLINE-32 GLASS WALL



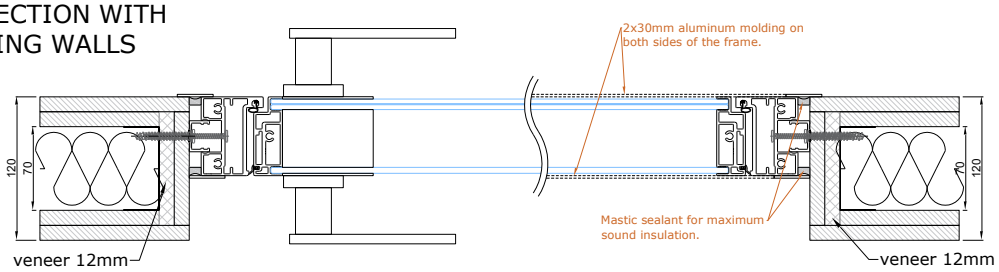
CONNECTION WITH GLASSLINE-34 GLASS WALL



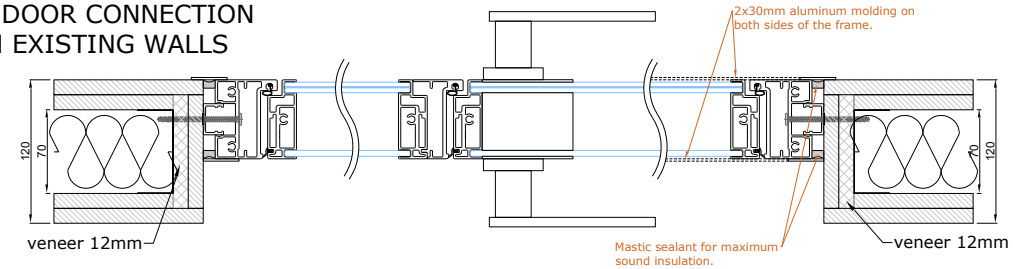
CONNECTION WITH GLASSLINE-36 GLASS WALL



CONNECTION WITH EXISTING WALLS



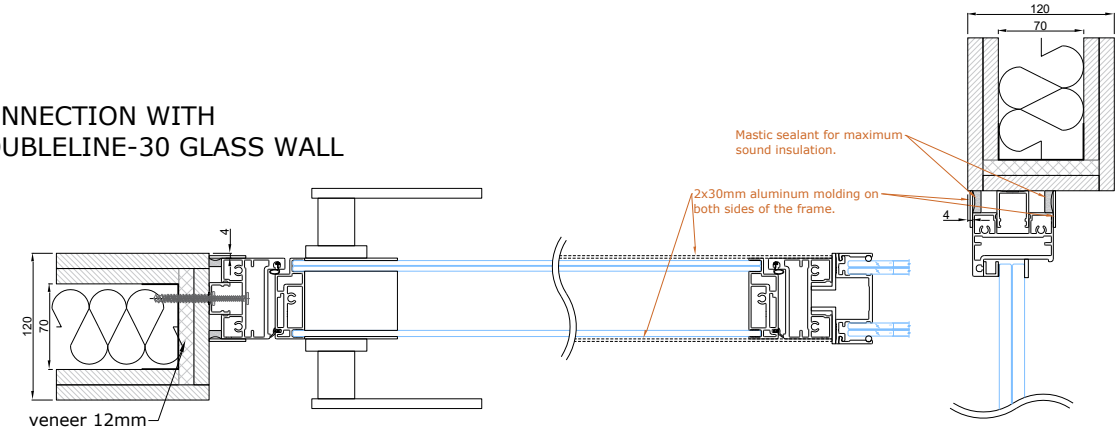
PAIR DOOR CONNECTION WITH EXISTING WALLS



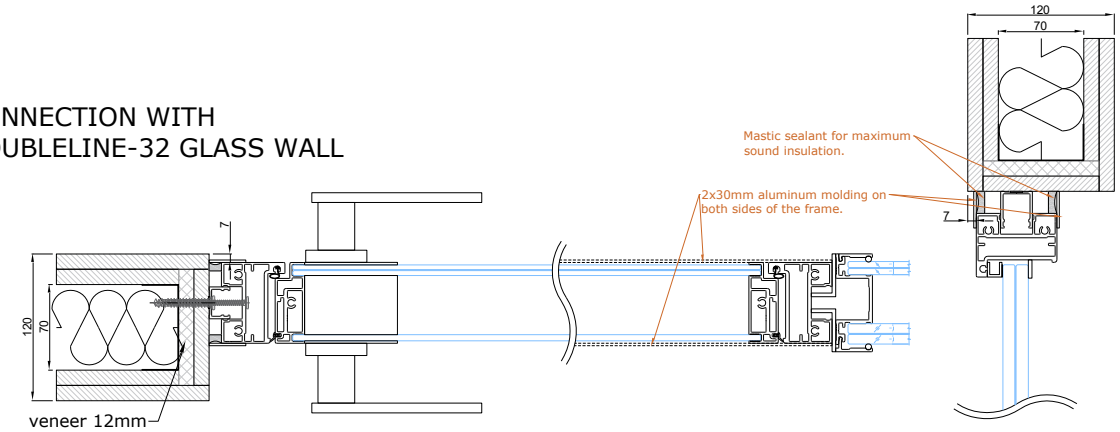
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PORTA–66GS | CONNECTION UNITS

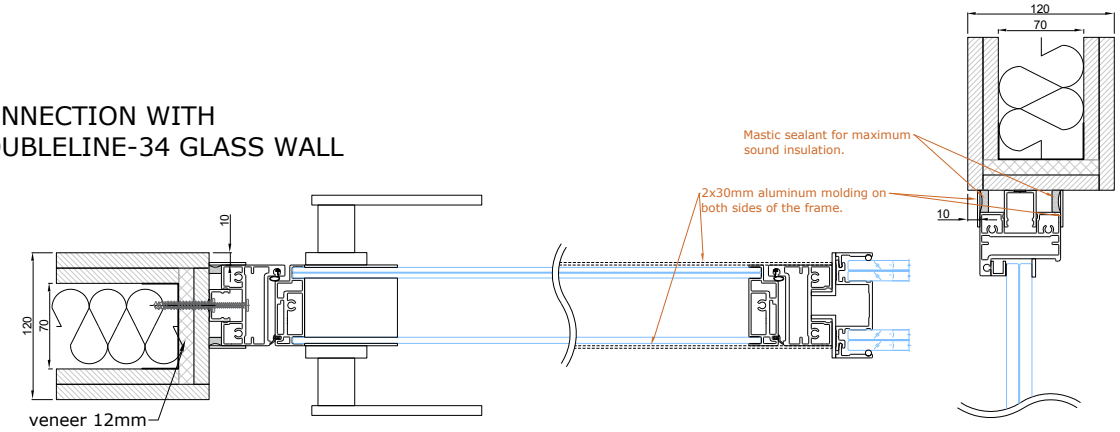
CONNECTION WITH DOUBLELINE-30 GLASS WALL



CONNECTION WITH DOUBLELINE-32 GLASS WALL



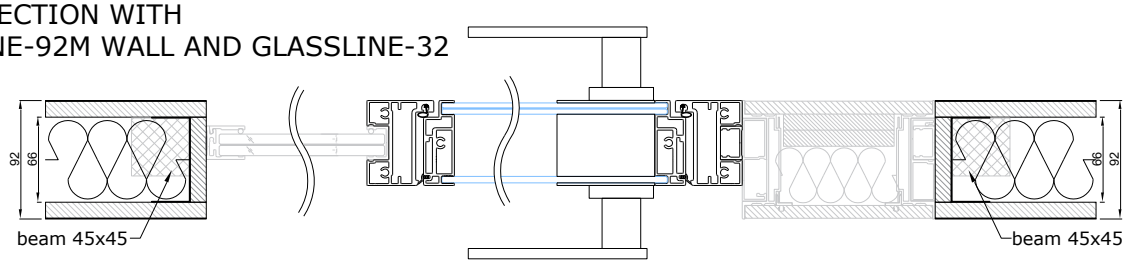
CONNECTION WITH DOUBLELINE-34 GLASS WALL



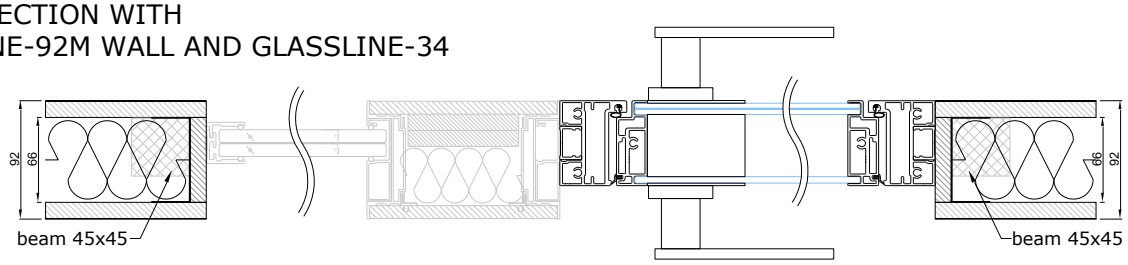
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PORTA–66GS | CONNECTION UNITS

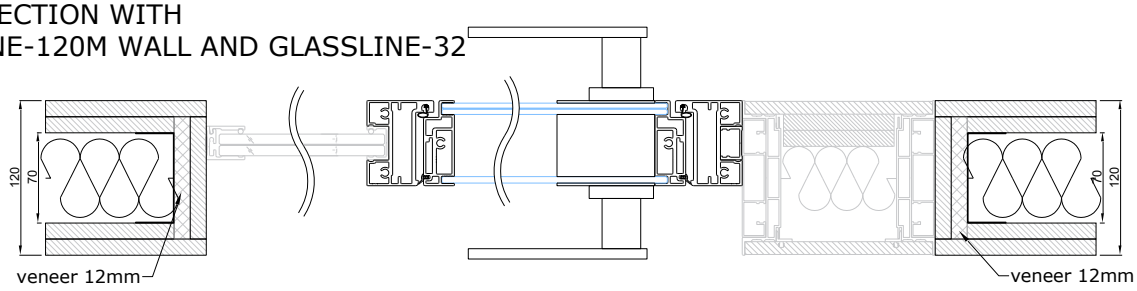
CONNECTION WITH ELZONE-92M WALL AND GLASSLINE-32



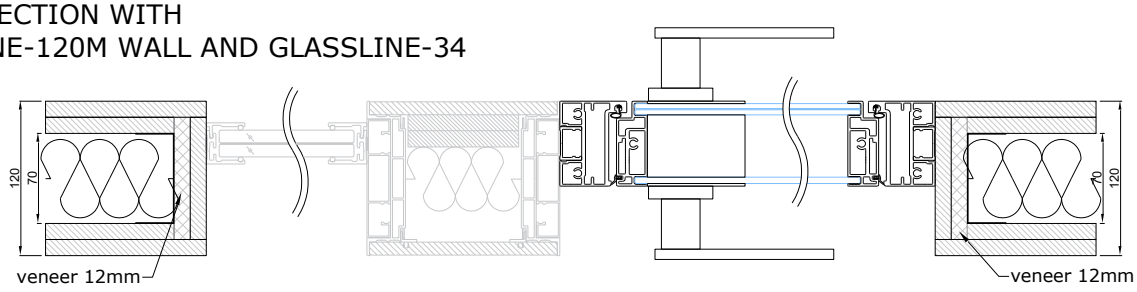
CONNECTION WITH ELZONE-92M WALL AND GLASSLINE-34



CONNECTION WITH ELZONE-120M WALL AND GLASSLINE-32



CONNECTION WITH ELZONE-120M WALL AND GLASSLINE-34



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