

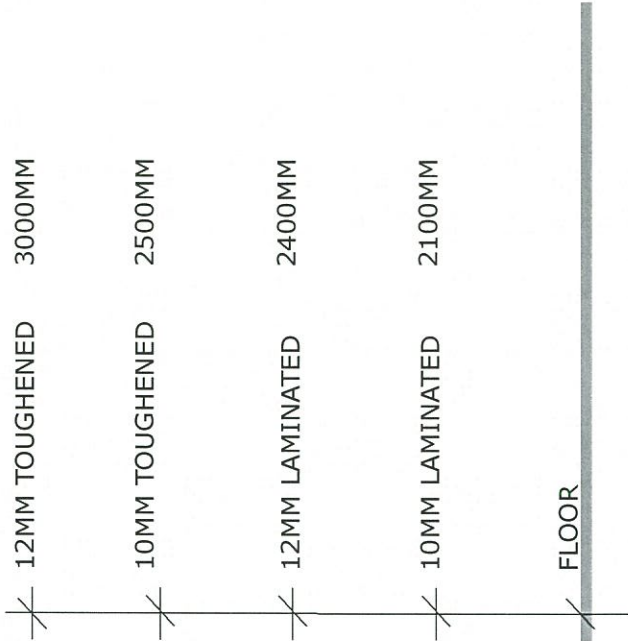
FG2

DOUBLE GLAZED FRAMELESS PARTITION



TYPE SUMMARY

MAX. HEIGHT OF DIFFERENT GLASS TYPES



TYPE	THICKNESS	GLASS TYPE	SOUND REDUCTION
FG2 1090	92 MM	10MM TEMP + 10MM TEMP	45 dB
FG2 1090	92 MM	12MM TEMP + 10MM TEMP	45 dB
FG2 1090	92 MM	10MM TEMP + 10,76MM SOUND LAM	46 dB
FG2 1090	92 MM	10MM TEMP + 12,76MM SOUND LAM	46 dB
FG2 1290	118 MM	10MM TEMP + 10MM TEMP	45 dB
FG2 1290	118 MM	12MM TEMP + 10MM TEMP	46 dB
FG2 1290	118 MM	10MM TEMP + 10,76MM SOUND LAM	47 dB
FG2 1290	118 MM	10MM TEMP + 12,76MM SOUND LAM	48 dB

ISSUES TO FOCUS ON

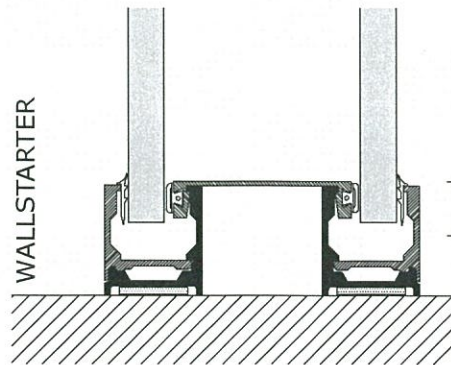
- The adjacent construction must at least have the same sound reduction.
- FG2 partition can carry itself, only and gives no support to other construction.
- The above construction is not movable.
- Before installation the area must be cleaned and without any dust.
- Special tools for moving the glass are required.
- Access to lift in materials must be secured.

TOP, BOTTOM AND WALLSTARTER

TOP



WALLSTARTER



CALCULATION OF GLASS DIMENSIONS:

HEIGHT

if 30mm profiles = Structure opening height - 32mm

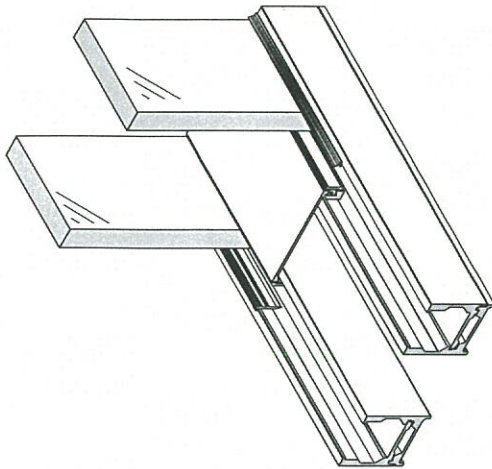
if 40mm profiles = Structure opening height - 32mm

WIDTH

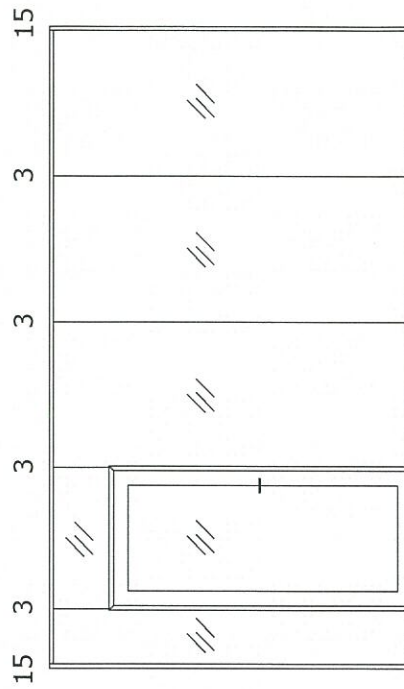
Wallstarter: - 15MM

Into frame: + 10MM

Silicone joint between glass: - 3MM



Space at profiles + between glass (if silicone joints)



1090 → 30MM MM PROFIL → AGVP-15 + FG2 AVUF

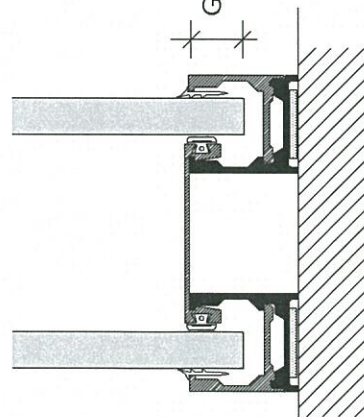
→ 40MM MM PROFIL → AGGP-15 + FG2 AVUF

1290 → 30MM MM PROFIL → AGVP-15 + AVUF 2

→ 40MM MM PROFIL → AGGP-15 + AVUF 2

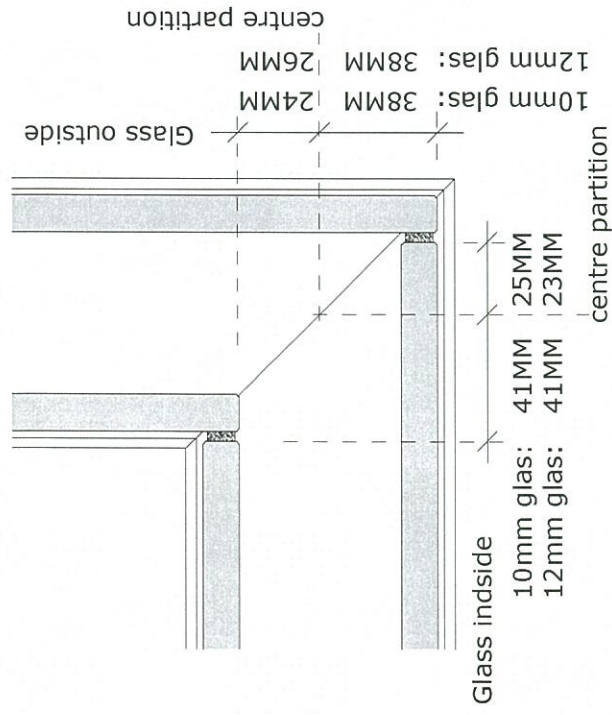
Bottom

Glass into profile MIN: 15mm

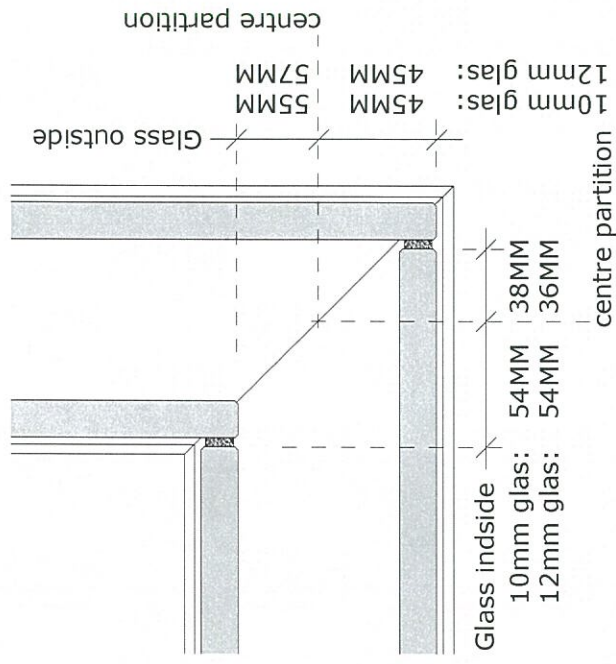


CORNER SOLUTIONS

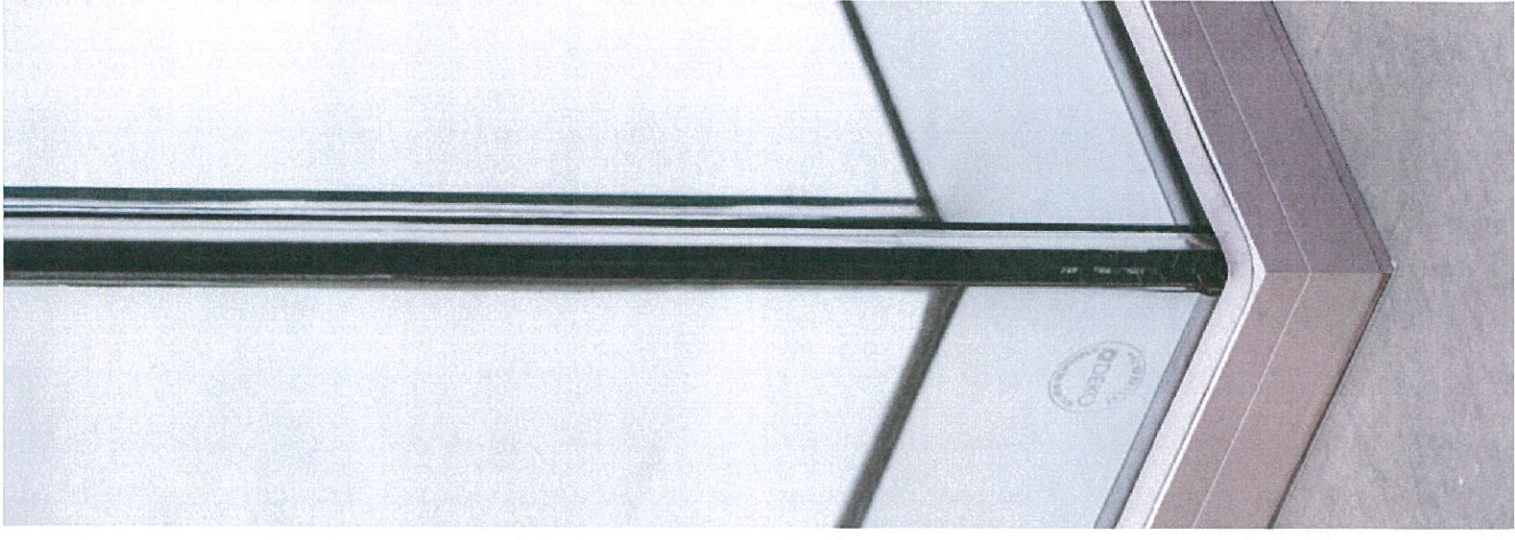
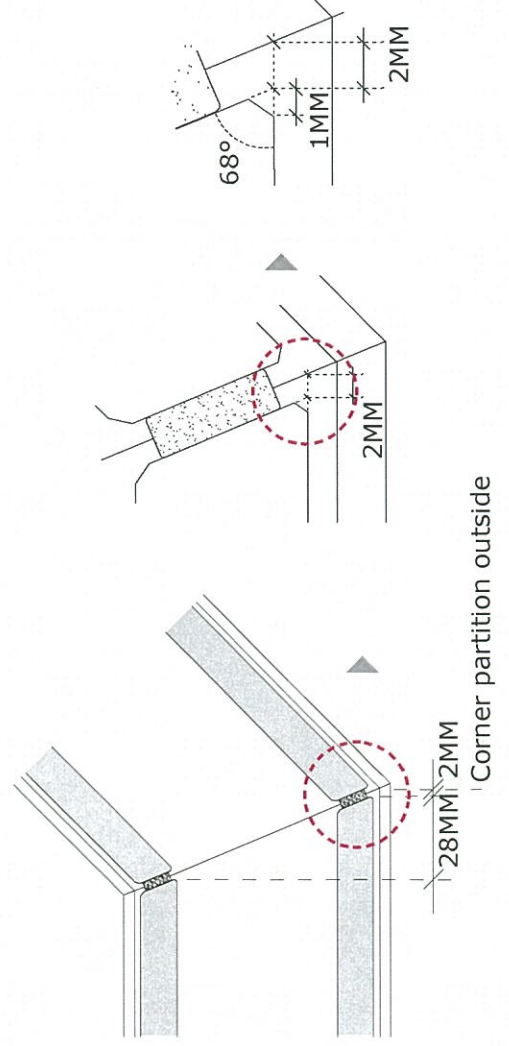
1090: 90° CORNER SILICONE JOINTS



1290: 90° CORNER SILICONE JOINTS

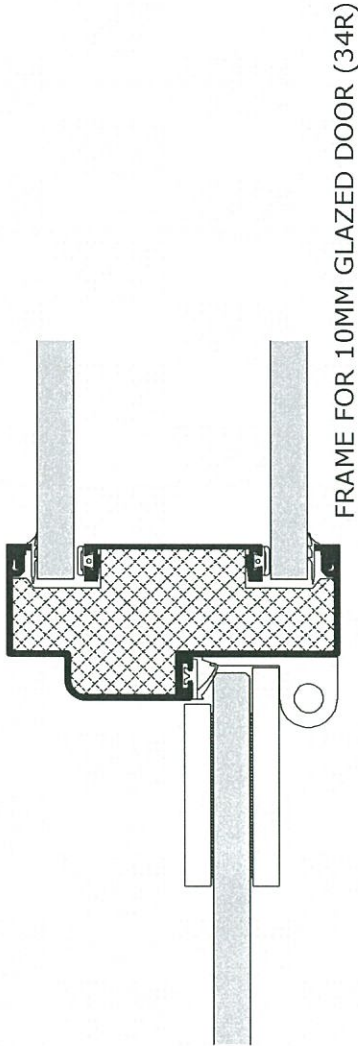
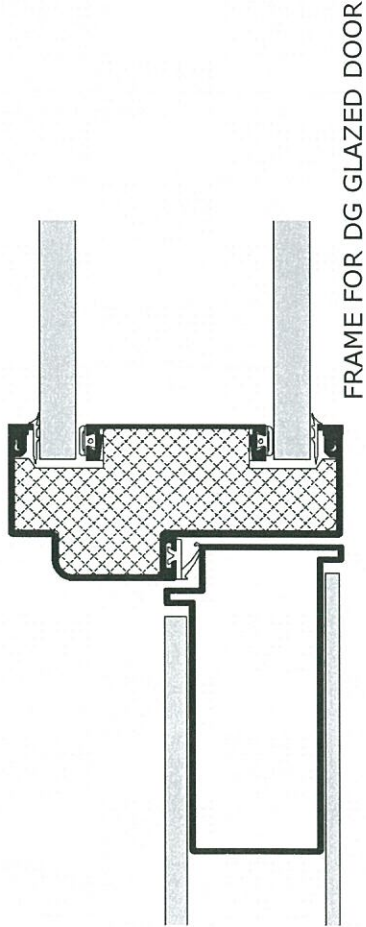
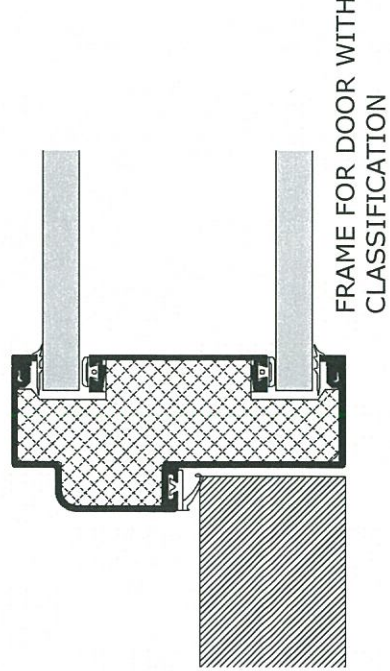
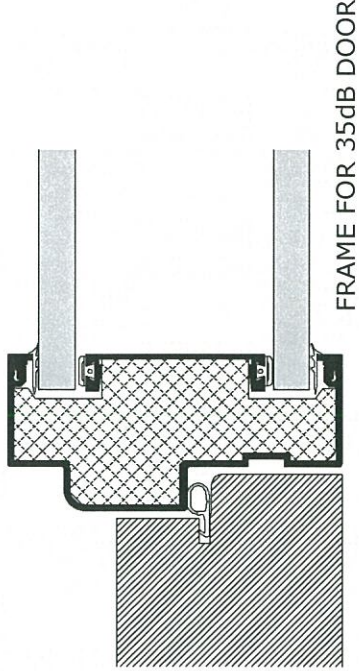
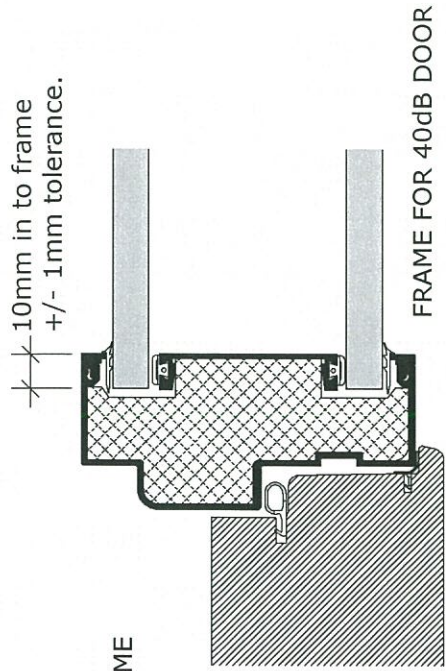


135° CORNER SILIKOCE JOINTS



DOOR SCHEDULE AND DETAILS

DOOR TYPE	FRAME DIM	LOCK BOX	HINGES	STD COLOUR	COMMENTS TO FRAME
DG 4+4	FG2 1090	565	STD WHITE	WHITE	CORNER MITRE JOINT. (ALL TYPES OF FRAME)
DG 4+6	FG2 1290	565	STD N-1	N-1	
SOLID		1498	STAINLESS-STEEL		
35dB		EL580	SIMONSW		
40dB		PZW141			
10MM GLASS	FG2 1090 34R	ATELIER	34HORZ		
	FG2 1290 34R	STUDIO	34VERT		



A technical line drawing of a window frame assembly. It shows a cross-section of the frame with multiple layers. On the left, a vertical pane is shown. To its right, a horizontal pane is shown. The drawing illustrates the internal structure, including a central cavity and various sealing or support layers. A small component, possibly a hinge or latch, is visible at the top of the vertical pane. The drawing is a black and white line art, typical of technical manuals.

565 Scandinavian Sash lock. (DEKO standard) Used in standard doors. Can be with or without predrilled hole for cylinder.
Striking plate (RUKO 820).

1498 Latch bolt lock. The lever latch is retracted with handle. Used in combination with electrical striking plate.

EL 582 Electrical lock box. Striking plate 4630

GLUTZ Lock box used in Switzerland. Round cylinder. Keyhole/cylinder below handle. Same striking plate as PZW141.

Keyhole/cylinder below handle. Same striking plate as PZW141.

The diagrams illustrate three methods for installing a door threshold:

- Wipe Strip Method:** A 40 mm door leaf or thicker is shown with a wipe strip (labeled 'WIPE STRIP') and a rubber strip (labeled 'RUBBER STRIP (SLEEPER)') installed in a groove. The finished floor is shown below the threshold. Dimensions include 3 mm for the door leaf thickness, 9 mm for the rubber strip height, and 20 mm for the groove depth.
- Rubber Strip Method:** A 40 mm door leaf or thicker is shown with a rubber strip (labeled 'RUBBER STRIP (SLEEPER)') and an aluminium floor profile (labeled 'ALUMINIUM FLOOR PROFILE'). The floor finish is shown below the threshold. Dimensions include 3 mm for the door leaf thickness, 5 mm for the aluminium profile height, and 10 mm for the groove depth.
- Hardwood Floor Profile Method:** A 40 mm door leaf or thicker is shown with a hardwood floor profile (labeled 'HARDWOOD FLOOR PROFILE') and a floor finish. The floor finish is shown below the threshold. Dimensions include 3 mm for the door leaf thickness, 8 mm for the hardwood profile height, and 10 mm for the groove depth.