

INTACT
CRYSTAL SG

1. GENERAL

Main features of INTACT SG partitions are:

- **It is a combination of glass and glass support without internal structure. The profiles are minimized to protect the glazed look of the partition.**
- **The visible profiles** are proposed in aluminium in order to enhance aesthetics of partition. Aluminium is proposed with anodized or epoxy-coated finish (RAL range).
- The system is fully demountable.
- The system may accept glass of 10-12mm thickness.
- **Door modules** include either sliding door either aluminium door frames carefully prepared by the manufacturer's workshop. Door frames allows door blade thickness from 8 till 50mm.
- **Serviceability guarantee.**

Manufacturer guarantees supply of compatible components of the system for a duration of at least 10 years.

2. Description of components

2.1. Ceiling track is consisting in a set of components not exceeding 38mmx38mm as follows :

1. Main track made out of mill finished aluminium preequipped with acoustic peripheral sealing of minimum 3mm thickness. A special groove for inserting glass sealing will be included in the design. Glued seal is not acceptable for glass sealing. The floor track will allow special groove to slide fishplates for guaranteeing alignment. The main track will allow also inserting specially designed screws for clam fixation. Those screws will be allowed to move along the main direction of the profile.

2. Clams of 6 cm long are designed to be placed in the main track. It is also provided with a groove to slide a glass seal in it. Clams will be kept against the glass by special screw.

3. Aluminium covers in anodized aluminium (RAL painted is also available) are clipped on main track on side and on clams on the other side.

4. An acoustic pipe (dia 20mm) of foam is placed inside the assembly prior to clip the cover for preventing

acoustic and vibration noise.

2.2. Floor tracks. Same as ceiling track but will be equipped on site with blocks to lay down the glass in order to ensure proper alignment. Adjustable plastic blocks are also available.

2.3. Wall starters. Same a ceiling track .

2.4. Joining Glass.

Between glass modules will be inserted a plastic profile in a transparent material which will guarantee demountability and acoustics. Hand applied silicone is not accepted.

2.5. Corners

Recommended corner are made by joining with tape glass cut at 45° angle. Plastic transparent profiles are also available.

2.6. Glazed modules.

Glazed modules are frameless and consists in tempered glass of 10 or 12mm. Size is adapted to building access and in no case will exceed 1200 x 3000 (wxh).

2.7. Door frame. Door frames are made out specially designed aluminium profiles to suit the system. Door frame is custom-made and prepared by the manufacturer in order to install a minimum of two steel hinges and a locker. Hinge fixation screws are not visible when door is

open. Glass door fits also the system.

2.8. Sliding door. Frame less sliding doors consists in an exposed rail system hung from ceiling in stainless steel, a stainless steel roller assembly and floor guides.

Tempered glass 10mm:
33dB

Laminated 5.5.2 Stadip
Silence: 38dB

Laminated 6.6.2 Stadip
Silence: 39dB

4. Door leaves

Three options exist:

3.1 **solid core** door leave of various dimensions, covered with high pressure laminated sheet or prepainted. This can be incorporated with a glass section or vision panel.

3.2 **Aluminium framed** door with single or double glazing or solid core. Manufactured by Intact, it is available in various sizes.

3.3 Tempered single **glass** door.

Lockers for Solid core and aluminium framed shutters are of reversible type and front of locker will be made out stainless steel. Cylindre, supplied with 3 keys, will match the European standard.

Handle will be stainless steel U- or L-shaped.

Lockers and hinges for tempered glass doors are chrome plated or inox look made by Stremmler, Bastille type.

4. Noise attenuation

The acoustic insulation of glass sections is performed by the glass and depends on glass type and thickness:

MAIN DIMENSIONS

Finished Product

Width: economical value for module: 1000~1200mm.

Thickness of glass: 10 or 12mm.

Height: up to 2900mm

Door leaves thickness

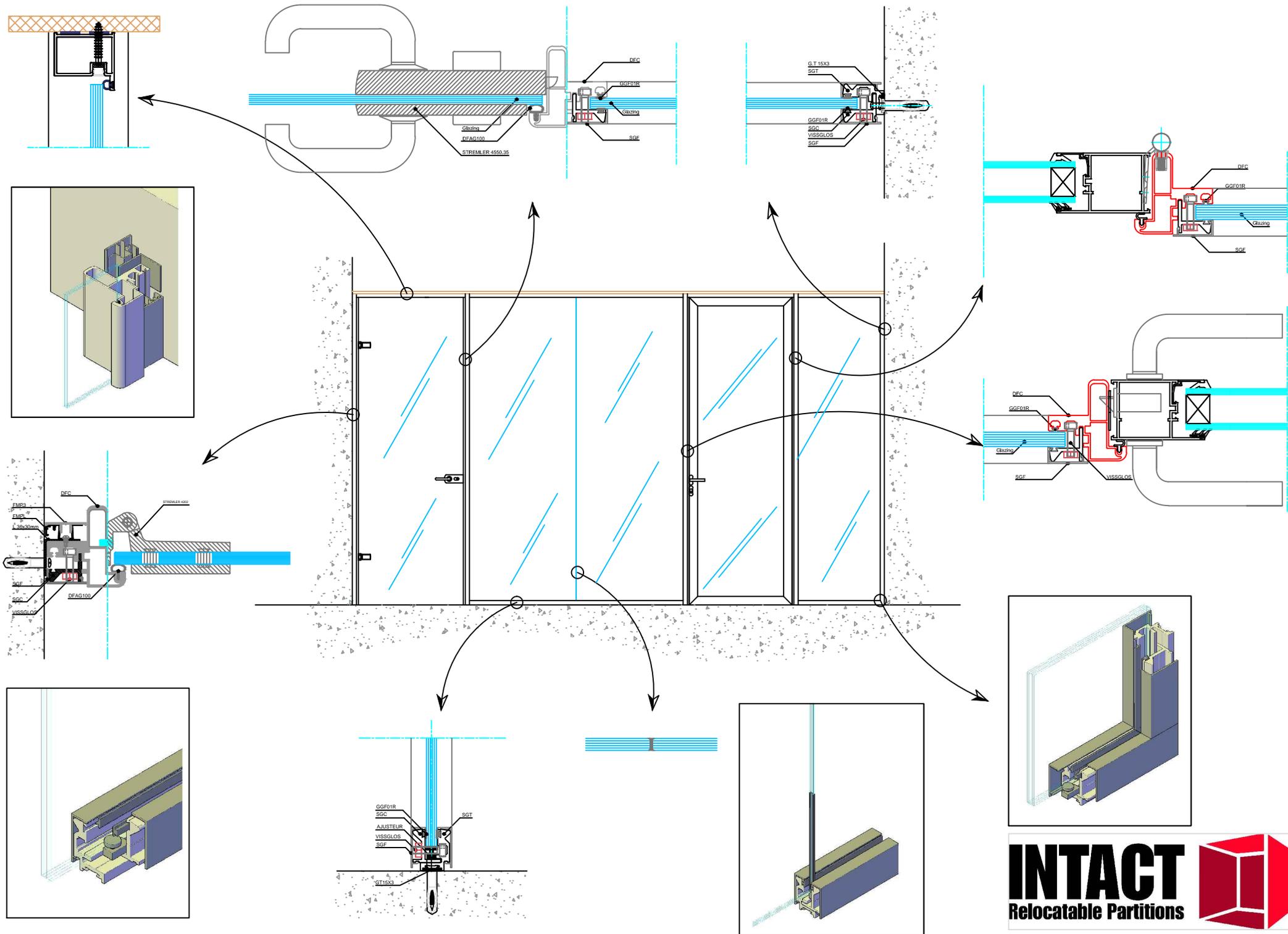
8~10mm (tempered glass)

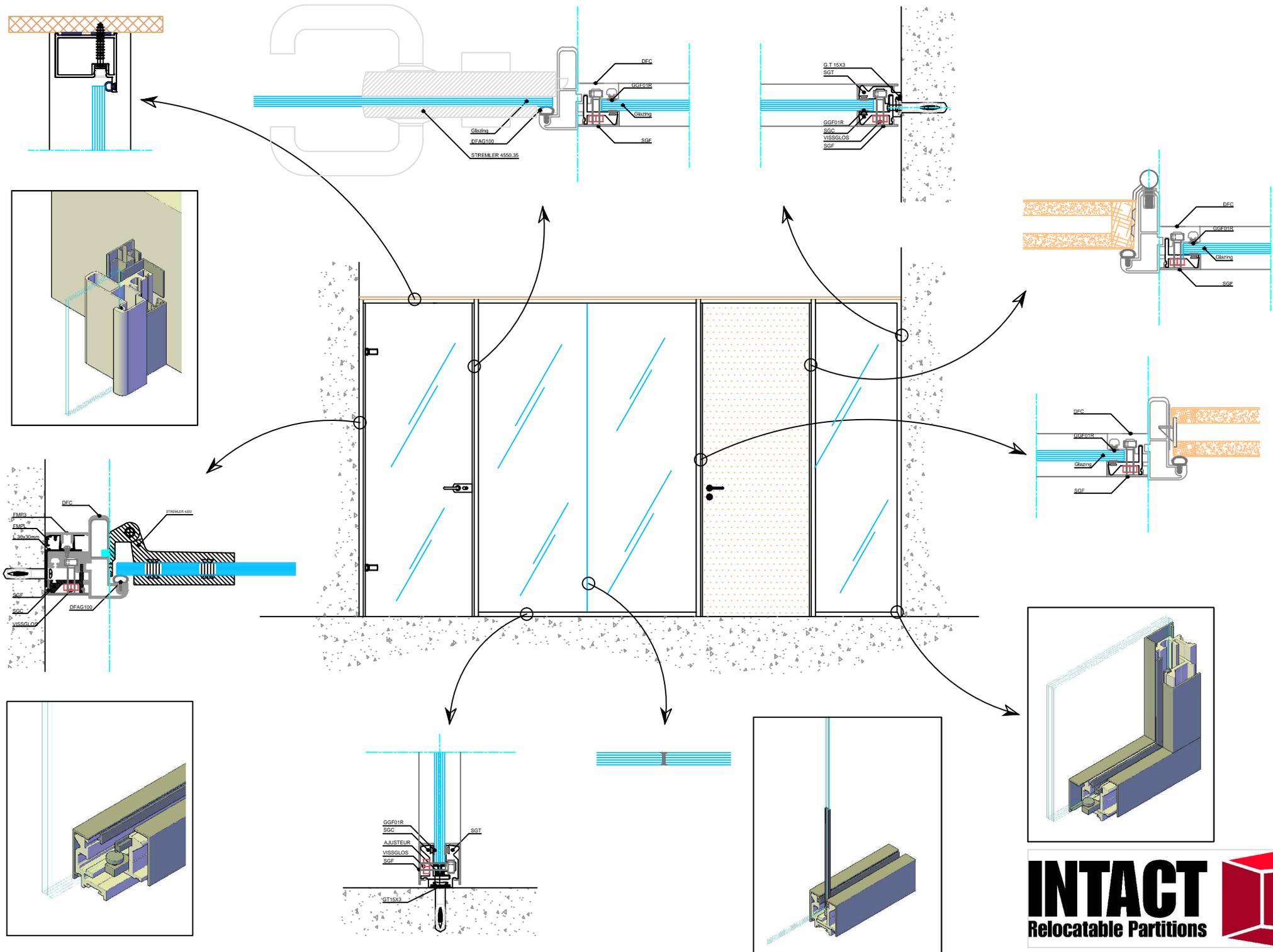
38~50mm(solid core wood)

50mm (aluminium framed)

Acoustic performance:

From 32 dB to 39dB.





INTACT
 Relocatable Partitions

