

SANITARY PARTITION WALLS ESPRIT - Technical Description

The object is the supply and installing of a system to assemble partition walls into an entity of toilet or shower cubicles or related articles. The system allows to optimally clean the floors and walls of the relevant rooms. The cubicles themselves demand very little maintenance and may even be hosed off using a high-pressure spraying machine.

The partition walls are assembled into an extremely, stable and unalterable entity, using all necessary rustproof and maintenance-free reinforcements, fixing and supporting materials. The whole is very stable and almost immune to vandalism.

a) Material :

Massive self-supporting panelboards with a base of synthetic resin and cellulose. The core of the panels is made up from phenolic resin finished on both sides with an integrated decorative coating. The homogeneous panels are obtained through compression under high pressure and high temperatures. The panels have a closed structure, without pores, neither at the surface, nor in the core.

The properties of the panels are the following :

- mass	: ca. 1400 kg/m ³
- longitudinal modulus of elasticity :	: ca. 14000 N/mm ²
- lateral modulus of elasticity	: ca. 10000 N/mm ²
- longitudinal tractive power	: > 90 N/mm ²
- lateral tractive power	: > 70 N/mm ²
- thermal conduction coefficient	: 0.3 W/mK

The panels have a structured surface and have a thickness of 13 mm. The composition and the structure of the panel is particularly developed for utilisations in humid rooms.

The panels are assembled into partition walls by means of constructional extruded aluminium profiles, powdercoated of about 60 microns thick (standard colors). The thickness of all aluminium profiles is minimum 2 mm.

The legs are made of nylon (polyamide). The standard height of the legs is 150 mm.

The door fittings and all other fittings are made of nylon (polyamide) colored into the core. The fittings withstand high temperatures, humidity and chemical products. The hinges are strengthened with a core of galvanised steel.

b) Design :

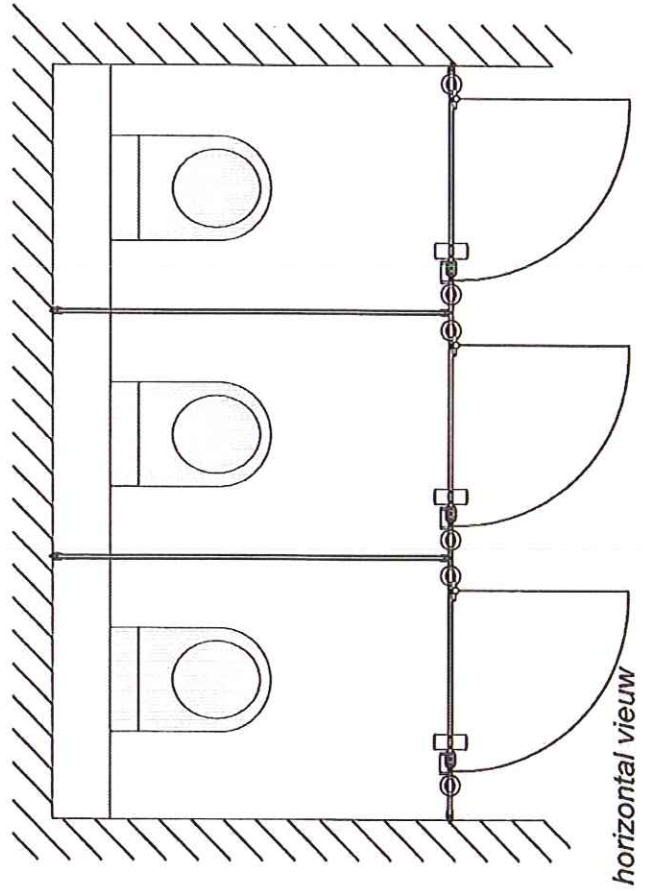
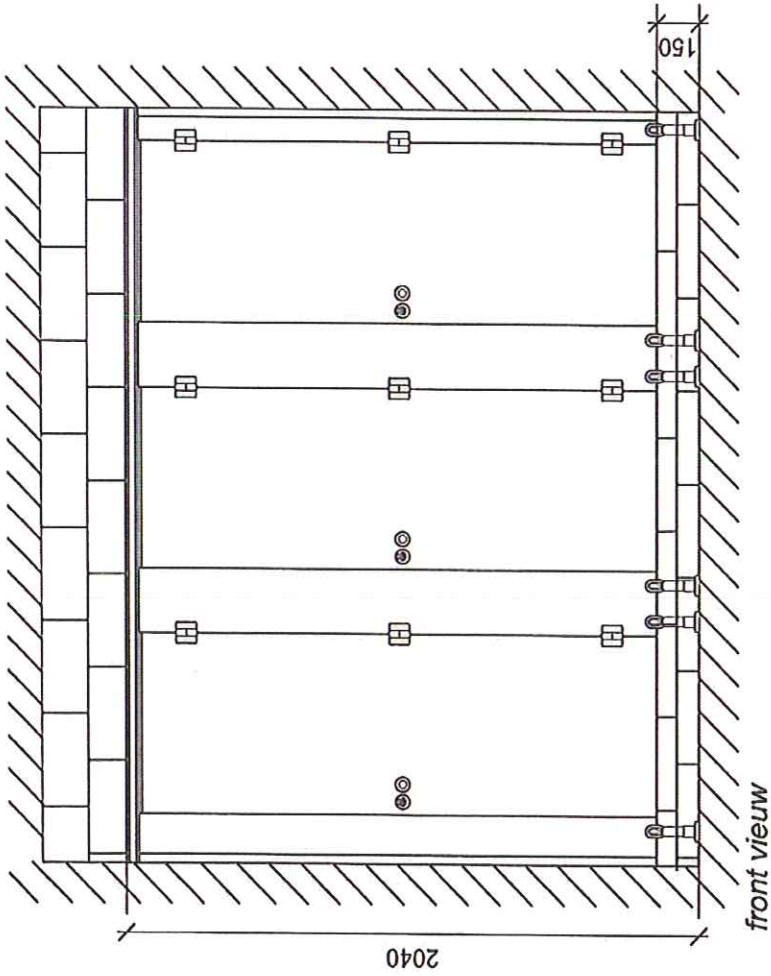
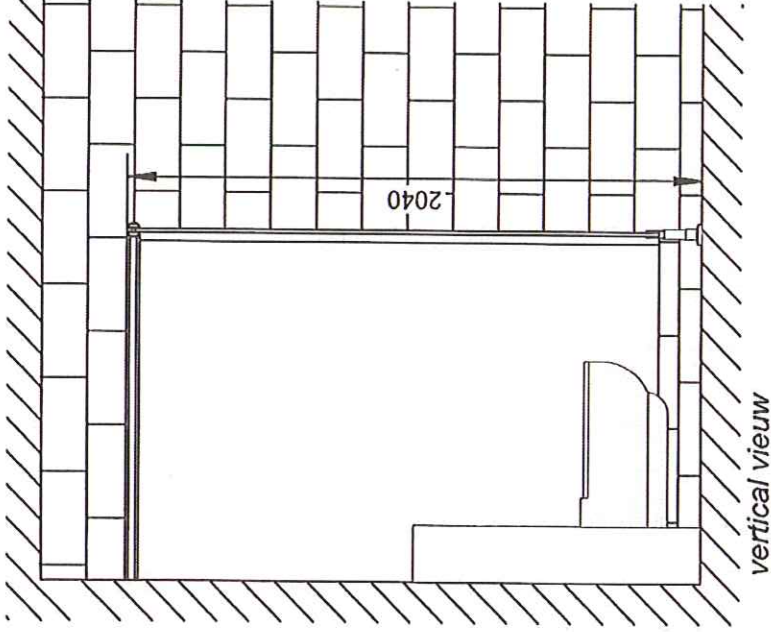
The height of the walls is 2040 mm, including 150 mm of free space. The walls are always mounted horizontally and at right angles.

The adjustable legs are connected with the panels in an extremely stable way and in such a way that they cannot tilt to one side. Wall-connections and joinings of the partitioning and the front walls are made with powdercoated aluminium U-profiles (standard colors). Front and side walls are equipped at the top with an octagonal stabilisation profile, powdercoated in standard colors. This upper profile connects all the panels into one solid entity and gives it a very aesthetical look.

Door-panels are fitted with three hinges, of which one is equipped with an adjustable spring allowing the doors to return always into a closed position. The door fittings consist of 2 nylon doorknobs and 1 revolving knob with a free/occupied indication, which can be opened from the outside in case of emergency.

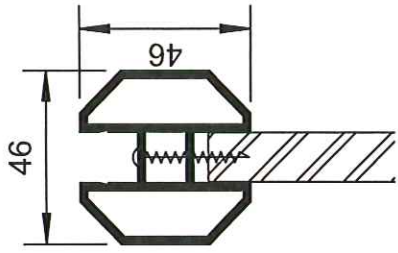
The doors are mounted in the same plane as the walls. The touching sides of the doors are fraised, making additional profiles superfluous. 4 rubber silencers are stuck in the door-post for soundless closing of the doors. All sides are rounded off.

Subject : ESPRIT type CLASSIC or equivalent.

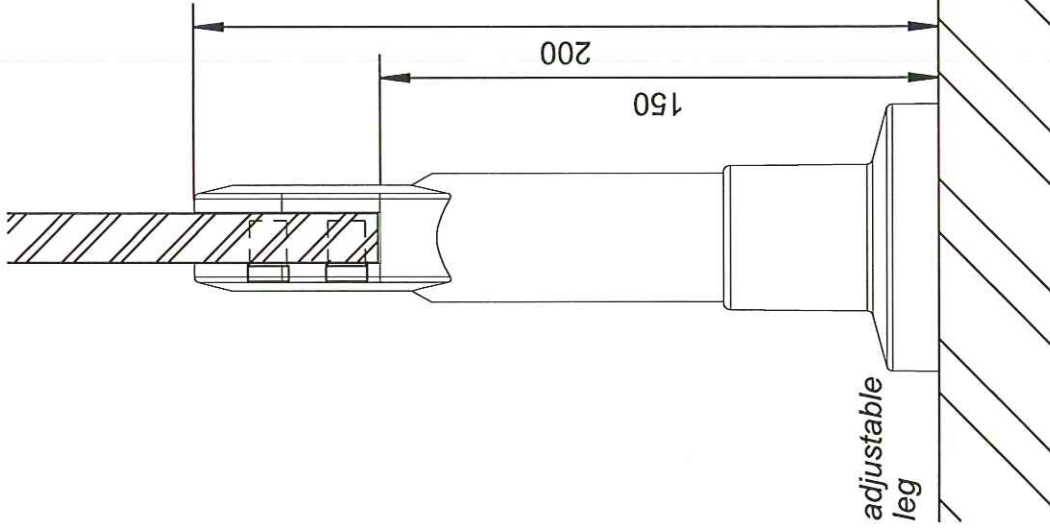


scale 1/25

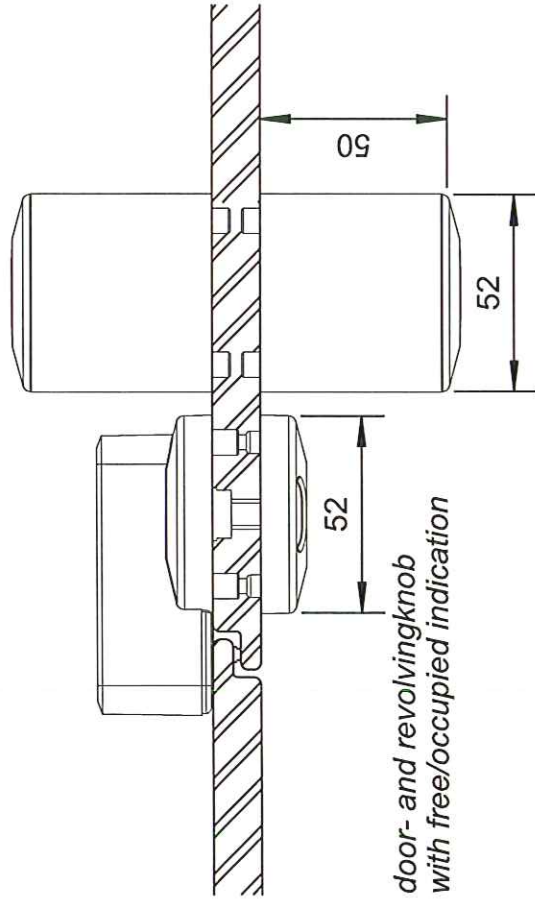
views - CLASSIC 2040
 ALPACO BVBA - Wijtschotbaan 3 bus 1 - 2900 Schoten



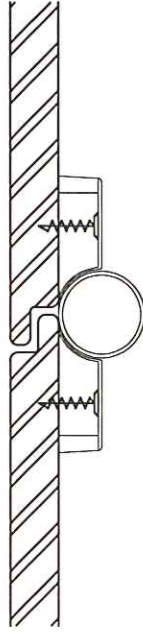
aluminium stabilisation profile



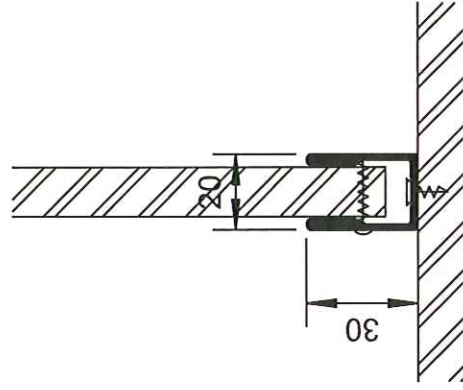
adjustable leg



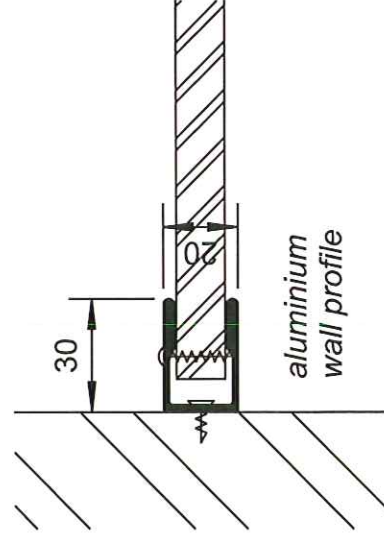
door- and revolving knob with free/occupied indication



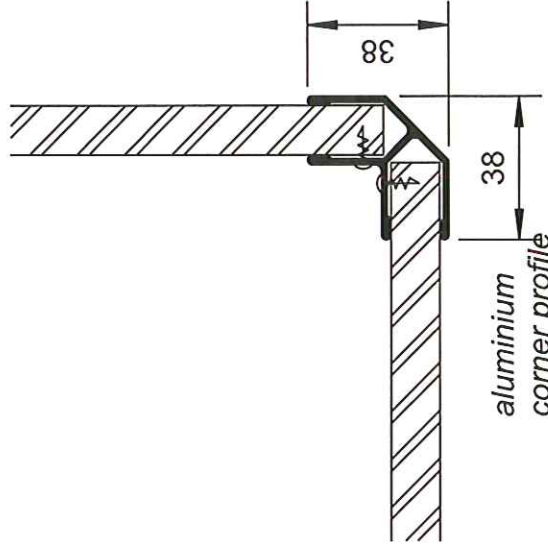
hinge



aluminium connection intermediate pannel/front wall



aluminium wall profile



aluminium corner profile

scale 1/2

details - CLASSIC
ALPACO BVBA - Wijsschootbaan 3 bus 1 - 2900 Schoten