

SANITARY PARTITIONS ESPRIT - CLASSIC - Technical Description

Our Cubicle partition system allows the supply, assembly and installation to create a bank of or single cubicles for toilet, shower and washroom areas within buildings.

By design the system enables the ease of cleaning procedures whereby the cubicles themselves demand very little maintenance and may even be hosed off using a high-pressure cleaning machine, whilst the fixing of obstructions to the floor area is kept to a minimum.

The partition walls, when assembled, create an extremely stable and solid construction when using all the necessary rustproof and maintenance-free reinforcements, fixing and supporting materials. The finished product being a cubicle system that provides the answers to many common cubicle problems seen when misuse and excessive wear and tear occur.

a) Material :

Massive self-supporting panel boards 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 solid construction, without pores, neither at the surface, nor in the core, which makes them anti-microbial, water-, impact- and scratch resistant.

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 solid surface and are of 13 mm thick. The composition and the structure of the panel is particularly developed for use within humid conditions.

The panels are assembled into partition walls by means of constructional extruded aluminum profiles, powder coated of about 60 microns thick (white, black, dark and light grey – other colors possible on request). The thickness of all aluminum profiles is minimum 2 mm.

The legs are made of nylon (all above colors), natural anodized aluminum or stainless steel. 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 galvanized steel. All accessories (paper holders, clothes hooks, ...) are an integrated part of the

system and are blind fitted. Accessories in stainless steel are also available.

b) Design :

The height of the cubicles 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 (2 screws) and in such a way that they cannot tilt to one side. Wall-connections and couplings of the partitioning and the front walls are made with full height powder coated aluminum U-profiles (colors, see above). Front and side walls are equipped at the top with an octagonal stabilization profile, powder coated in the 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 rebated, therefore providing complete privacy without the need for overlapping doors/panels to cover any sightlines. 4 Silencers are mounted in the door rebates making for a quiet closing of the doors. All sides are rounded off.

Subject : ESPRIT type CLASSIC or equivalent.