**PERSEI sanitary cubicles by ALSANIT**

**Technical Data – design description**

**PRODUCT**:
Sanitary cubicles model PERSEI by ALSANIT ul. Wieleńska 2, 64-980 Trzcianka, or others with no worse technical and visual parameters. The PERSEI system has a European Technical Assessment and is marked with the CE symbol, systems without this marking are not permitted.

**DESIGN**:

Cubicles with increased resistance to damage, intended for toilets with high traffic. All C-0 anodized aluminium profiles. Only profiles with a RoHS declaration may be used.

The system has hinges with a gravity self-closing mechanism that ensures that the open doors return to the front plane of the cubicles. All elements are connected exclusively using TORX screws, which makes the joints resistant to unwanted loosening.

**DOORS AND FRONT WALLS:**

The doors and front walls are made of specially shaped aluminium profiles and plates:

- HPL (High Pressure Laminate) 10/12 mm,

- MFC (Laminated Chipboard) 18/28mm

MFC boards are glued without the use of glue, using HOT AIR technology and a special hot melt veneer that ensures the highest durability parameters and protection against moisture.

The closed door rests on a house element with a sound-absorbing rubber seal; doors without sound-absorbing elements are not allowed. The doors are flush with other elements of the cabin front and provide an even surface when closed. The front walls are attached to the walls of the room only by "C"-shaped aluminium profiles, which ensures adequate stiffness and eliminates gaps; fastening with plastic profiles or angles is not allowed.

The cubicles are connected with an upper bracing profile.

**PARTITION AND SIDE WALLS:**

Partition and side walls are made of HPL laminates and MFC boards in the colour of the front. Combining or mixing materials is allowed provided that the colours match appropriately.

**FITTINGS:**

The stainless steel hinge has a self-closing mechanism in the form of a polyamide insert and a hardened steel pin with a diameter of 6 mm to ensure durability for 200,000 opening/closing cycles. The polyamide insert in the hinge prevents metal-to-metal rubbing and ensures high durability of the hinge. The hinges are mounted to the narrow edge of the board in 2 or 3 pieces per door leaf. Hinge cylinder with a diameter of 14 mm ± 1 mm, hinge height 92 mm ± 1 mm ensuring a minimalist appearance from the outside.

Adjustable brackets made of stainless steel, 180 mm high, allow for easy leveling of the walls. Bracket height adjustment +/- 20 mm.

The stainless steel core ensures long-term use without the need for maintenance. Bracket body diameter 20 mm, cover diameter 23 mm.

brackets for 10-18 mm boards mounted to the side of the board, for 28 mm and thicker boards screwed into the board core. The brackets are attached to the floor by a rosette mounted on two expansion pins, covered with a steel plate.

The lock handle is a specially designed combined lock and handle made of high-quality metal. The lock has an occupancy indicator (white and red) with the possibility of emergency opening from the outside. The bolt stroke is indicated by a click every 90 degrees.

**STANDARD DIMENSIONS:**

Door width: 800 mm

 Depth: min.1150 mm max.1500 mm - HPL 1600 mm – MFC

 Height: max.2000 mm (up to height beams)

Standard dimensions can be modified

**COLOURS:**

Boards and profiles consistent with the colours on the offer or the manufacturer's website [www.alsanit.pl](http://www.alsanit.pl).