

TECHNICAL DATA – DESIGN DESCRIPTION

TECHNOWALL cladding or wall system by ALSANIT

PRODUCT:

Wall/technical cladding made of HPL 10/12 mm boards for wet rooms or MFC 18 for dry rooms, on a steel substructure, by ALSANIT, ul. Wieleńska 2, 64-980 Trzcianka. The system is certified by PZH B.BK.601101138.2022.

DESIGN:

Wall cladding, floating HPL 10/12 mm on a substructure made of steel profiles with modular perforation enabling the use of various variants of dividing the facing panels to adapt them to the desired dimensions and accessibility to possible technical risers or other devices located behind them. A board made of high-pressure laminate HPL 10/12 mm (High Pressure Laminate) with increased resistance to moisture and damage, intended for places with heavy traffic. All profiled steel elements, galvanized. Additional complementary C-0 anodized aluminium elements. Only profiles with a RoHS declaration are used.

Structure composed of several layers. Longitudinal starter strips, leveling the floor and ceiling levels, framed in steel guides.

Longitudinal, plinth and ceiling blends. Perforated vertical profiles, type C, attached to the building walls with a spacing of max. 1000 mm for facing panels and a spacing of max. 300 mm for vertical blinds. Vertical blends between vertical profiles, providing a base layer for laying with overlapping facing panels.

The facing panels, with all edges bevelled, are hung via screwed steel hangers, invisible from the outside (allowing easy disassembly), on the substructure frame, which is attached to the building walls via depth-regulating steel anchor brackets. Additionally, the elements are connected from the inside to the frame only using TORX screws. The last mounting panel, slid onto the structure, can be protected against undesirable removal with a stop from above (provided it is available - e.g. from the suspended ceiling) or can be locked with a key-operated lock.

Openable inspection panels are mounted on ALSANIT hinges (**industrial design Wp.30407**), stainless, bridge hinges, made of polymer and invisible from the outside, which also act as an opening limiter.

of engraved laminate, laser-burned numbering.

- anti-burglary system: a steel pin embedded in the locking angle, protecting the wardrobe against burglary (by tilting the partition wall and disconnecting the lock cam from the angle).

- opening limiter up to a maximum angle of 95°, made of a 6mm galvanized rod and 2 pcs. appropriately profiled polyamide cubes.

STANDARD DIMENSIONS:

Width of facing panels:	500-1000 mm
Depth:	min.42 - max. 500mm
Height:	max. 3000mm
Distances/gaps between facing panels	1-140 mm (visibility of vertical blinds between facing panels),
Plinth and ceiling panel	80mm +- level adjustment distance

*The base plate can be leveled to a minimum (according to the level and flatness of the floor)

*The ceiling blind can be reduced to a minimum (according to the level and flatness of the ceiling and the minimum distance needed to insert the last facing panel of 15-20 mm into the frame) (if a suspended ceiling is used, the blind can be visually eliminated, provided that the suspended ceiling covering is closed, in the order after TECHNOWALL).

*Standard dimensions can be modified within individually determined limits according to technological possibilities and project needs.

COLOUR:

Boards and profiles consistent with the colours in the offer or on the ALSANIT website www.alsanit.pl.