

Sandwich Wall System SWP50

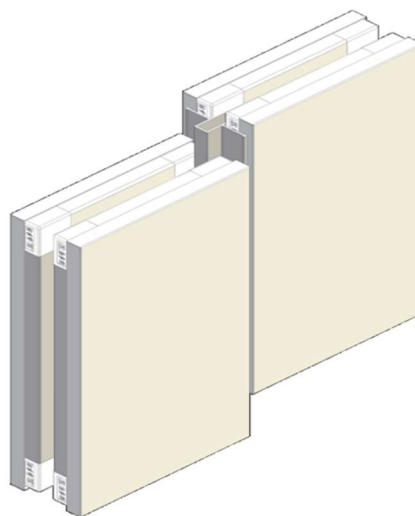
The cleanroom walls manufactured by Global Cleanrooms Shanghai are made using innovative materials conceived for use in controlled contamination environments.

The SWP50 wall system is made of sandwich modular and customized panels with a strong acoustic sound index and 1 hour fire resistant.

The panels consists of pre-coated color steel at both sides, with inside Rockwool core bonded between two MgO boards.

Both sides	: PE-coated steel, 0.5 mm, coating thickness minimum 25µm : also available in PVDF finish (VHP resistant)
Available facings	: Stainless steel 304/316L, uPVC, powder coated galvanized steel, compact high pressure laminate
Protection	: Plastic foil to avoid damaging during transport and installation
Standard sizes	: 1170 x *4500 mm (width x height) *maximum panel height
Panel thicknesses	: 50 mm
Core material-1	: MgO on both sides, thickness 5mm
Core material-2	: Rockwool, density 120 kg/m ³
Panel connections	: Aluminum profiles
Sound isolation	: > 40dB
K-value	: 0.0952 Wm-2K-1
Fire resistant	: GB50073-2013

SWP50



The entire sandwich wall system complies with the standards below:

ISO14644	: Cleanliness of controlled environment ISO Class 5/6/7/8
EC-GMP	: Cleanliness of controlled environment Grade A/B/C/D.
C-GMP	: Cleanliness of controlled environment Grade A/B/C/D.

Benefits

- Designed according to GMP
- Smooth surfaces without protrusions or recesses
- Versatile system configurations
- Flush seams for more effective sanitation wash-down and fumigation
- Easily cleaned surfaces according to pharmaceutical standards
- Available in any size up to 1170 mm × 4500 mm
- Flexible system
- Built to drawing layout, minimal alterations required
- Low cost solution
- SWP50 wall system offers significant financial and performance advantages over traditional clean facility solutions
- SWP50 is designed for the most stringent medical research and septic process applications
- SWP50 is the modular cleanroom of choice in Biomed, Life science, Biotech, Medical device, Nutraceutical and Pharmaceutical processing