

Clean Room, Hospital and Pharmaceutical Partition Wall

G+H Axis grid wall in shell design, Type WS 8 AS/P (80 mm thick)

According to requirements of:

(current version of)

- ISO 14644
- VDI 2083
- GMP guidelines

Application areas:

- Pharmaceutical industry
- Hospitals
- Operating rooms
- Laboratories

Construction Design:

- Axis grid shell construction
- Flexible and relocatable
- Module centre-to-centre distance $e = 150 - 1,250$ mm
- Wall thickness $t \geq 80$ mm
- Wall height $h = \text{max. } 4,000$ mm excl. transverse joint
- Panel joint width approx. 4 mm
- Joints sealed with fungicidally treated silicon
- Skirting flush with wall or recessed, made of stainless or coated sheet steel
- Overlapping ceiling connection
- Also available as single-shell facing wall

Surfaces:

- Coil-coated steel (colour similar to RAL 9002 or similar to RAL 9010 (standard))
- Piece-coated steel (colour as before)
- Stainless steel, brushed, grain 220
- Quality chipboard with melamine coating
- Quality chipboard with HPL coating

Partition glazing:

- Surface-flush double glazing with 2 single panes of safety glass, $t = 6$ mm, ground and bevelled all round
- Plastic safety glass, laminated safety glass or similar on special request
- X-ray glazing on special request



Standard design:
surfaces coated



On special request:
stainless steel design

G+H Cleanroom Wall

Technical Features

WS 8 AS/P - 80 mm * page 2 of 2

Doors:

- 1- or 2-leaf hinged doors
- Thickness of door leaf $t = 52 \text{ mm}$;
- Standard hardware:
 - medium category architectural mortise lock, prepared for profile cylinder
 - Lever handle with round rose: Hoppe DG 138.AL.RS
 - 2 pcs. 3D hinges, nickel-plated
- 1- or 2-leaf sliding doors
- sealing or with controlled overflow
- Thickness of leaf $t = 50 \text{ mm}$
- slim construction, casing depth only 110 mm
- sealing sliding door
 - opening with solid stainless steel lever grip
 - flush-fitting floor guide profile of stainless steel
- Door frames
 - door frame flush with wall partition
 - closed frames
 - corner frames and corner linings
 - alley frames and alley linings
- Special equipment/extras:
 - Non-standard hardware
 - Glazing with flush-fitting
 - X-ray glazing with flush-fitting
 - Electric door openers
 - Locking via magnetic clamps
 - Overhead door closers incl. reinforcement
 - Floor seals
 - Automatic drives with safeguarding

Fitted Equipment and Special Units:

- Radiation protection with lead inlay
- Cable ducts
- Reinforcement for fitted items
- Inspection hatches
- Knock protection
- Openings for built-in units and penetrations
- Media walls and columns
- Parapet/column claddings etc.
- Material pass-through hatches



2-leaf hinged door with pharma glazing in stainless steel frame



1-leaf sealing sliding door Type S50-DS with solid stainless steel lever grip

January 2010
subject to technical changes