

G+H Cleanroom Wall

Technical Features

WS 6 B/P - 60mm page 1 of 2

Clean Room and Semiconductor Partition Wall

G+H Monobloc-/ Bandraster grid wall system, Type WS 6 B/P (60 mm thick)

According to requirements of:

(current version of)

- ISO 14644
- VDI 2083
- GMP guidelines

Application areas:

- Electrical and semiconductor industry
- Office and administrative buildings
- Hospitals
- Laboratories

Construction Design:

- Monobloc bandraster construction
- Flexible and relocatable
- Module centre-to-centre distance $e = 100 - 1,250$ mm
- Bandraster $w = 60$ mm (standard)
- Wall thickness $t = 60$ mm
- Wall height $h = \text{max. } 4,000$ mm excl. transverse joint
- Skirting flush with wall or recessed, made of stainless or coated sheet steel
- Overlapping or recessed 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

Partition glazing:

- Double glazing with 2 single panes of safety glass, $t = 5$ mm, mounted in all-round PVC gaskets, recessed approx. 2 mm
- Plastic safety glass, laminated safety glass or similar on special request



Construction of high school
Laboratory area with parapet cladding



Subdivision of wall surface matching ceiling grid



Partition glazing in PVC gasket

Doors:

- 1- or 2-leaf hinged doors, with or without transom
- 1- or 2-leaf sliding doors (automatic or manual), with or without transom
- Thickness of door leaf $t = 52$ mm; material as partition system; with or without glazing (as partition system)
- Door frame flush with partition surface with all-round frame rabbet and hollow chamber seal
- Standard hardware:
 - middle category architectural mortise lock, prepared for profile cylinder
 - Lever handle with round rose: Hoppe DG 138.AL.RS
 - 2 pcs. 3D-hinges, nickel-plated
- Special equipment/extras:
 - Non-standard hardware
 - Flush bolt or fixed-rod latching system for fixed leaf
 - Electric door openers
 - Overhead door closers, incl. reinforcement
 - Floor seals



Single-leaf hinged door with glazing

Fitted Equipment and Special Units:

- Material pass-through hatches
- Units for integrated supply/return air handling
- 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.



Special built-in units:
Integrated cable duct, media opening

January 2010
subject to technical changes