



Bi-Wall Wallsystem

The **clean-tek** Bi-Wall Wallsystem is a shell construction. It is stabilized with aluminium honeycomb stribes. The Wallsystem is perfect for the use in critical areas like Medical Life Science, which requires an absolut flush and airtight system. The wallsystem fulfills all requirements of GMP & FDA. A highly flexible system, which offers an independent spatial planning.

Flexible adjustment

Cutouts can be made at any place in the wall you require, even if they involve several modules due to the size. All **clean-tek** wall modules can be altered or removed at any time, without any special tools, and they can also be replaced if needs be. As is appropriate for a flexible walling system. In addition, the construction system also enables compensation of dimensional tolerances. Joints with walls and ceilings are made with vibration isolation.

Independent spatial planning

clean-tek walls can always be customised to meet every need. Module width, module height, height of the balustrade glass, height of the glazing, cutout sizes, etc. are variable dimensions. As a result, **clean-tek** offers the widest possible range of sizes. And if you need something outside the range on offer and want fully- customised dimensions, we can also make these as standard.

Virtually limitless flexibility! All wall modules can be combined with one another: for example Bi-Wallsystem with GMP 50 and as well with all-glass wallsystem. The Bi-Wallsystem offers a flexible range of wall thickness. The Bi-Wallsystem is available in single shell or double shell construction. Therefore it is perfect for the use as a cover plate.

With the Bi-Wallsystem **clean-tek** combines all wallsystems and offers the complete range: monobloc modules, shell construction, axis grid systems, band grid systems, in variabl wall-thicknes , - width and -height.

Wide range of benefits

Your production is the key factor in your choice of material. So we make stainless steel walls for you in the washroom, build steel walls (always galvanised steel, naturally) for packaging or production and aluminium walls for special operational fields.



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Technical data

Single shell

Wall height	max. 4.000 mm
Wall thickness	50 mm

Double shell

Wall height	4.000 mm, Bi-Wall+ 6000 mm
Wall thickness	100 mm

Material	Galvanised steel sheet
Material thickness	1,0 mm
Width (axis)	290 – 1.230 mm
Hight (axis)	300 – 4.000 mm
Colour coating	Polyester based 25 µm and protective foil Backside 7 – 10 µm protective coating
Colour (RAL)	similar to 9002, 9006 & 9010
Floor connection	Levelling irregularities +/- 20 mm
Wall stiffening	Aluminium honeycomb stribes
Material class	A2 (DIN EN 13501)
Sound adsorption	42 dB(A)

Optionen

Material	Stainless steelV2A (1.4301) Aluminium (sheet thickness 1,5 mm)
Hollow moulding	Aluminium hollow moulding (wall paint) Ceiling – Wall Wall – Wall Floor – Wall
Cutouts	Rectangular with reveal
Wall thickness	100 – 300 mm, in 10 mm steps