

Metal panel single stud frame two-sided wall covering BSL-4

BSL-4

The BSL-4 single stud frame with two-sided planking in stainless steel is assembled as a non-load-bearing partition system in various wall thicknesses. The construction is carried out with single panels in modular design with a joint width of approx. 22 mm. The construction of the partition system provides for

the subsequent removal and re-installation of each individual panel in order to carry out later installations or changes as well as repair work without great effort. The panel system is designed to meet the requirements of laboratories.

Dimensions

Clear room height	max. 3000 mm
Panel width	max. 1200 mm
Prefabricated wall thickness	150 mm
Installation flexibility	110 mm
Joint width	approx. 22 mm
Panel height	to the suspended ceiling
Base plinth height	ca. 90 mm

Wall covering

Wall panel	approx. 20 mm thick, comprising 1,5 mm of stainless steel (Mat. no. 1.4301/1.4404) with gypsum plaster board glued to the rear, weight force without any additional cross beams of up to 300 N/m ² (30 kg/m ²) according to EN 18283-01, 4.5
Surface (wall panel)	stainless steel ground
Base plinth	transition to the floor by means of corner panels with connection profile for floor covering
Joint profile	approx. 22 mm wide, exposed joints; Panels are screwed to the substructure with a sealing tape
Tightness	± 500 Pa with a maximum pressure drop of ± 250 Pa within 20 min according to Canadian biosafety guideline
Max. pressure	1500 Pa

