

Thommen Medical

Grenchen, Switzerland





Project Description

Due to high demand and a growing workforce, Thommen Medical, a renowned Swiss manufacturer of dental implants, expanded its production site in Grenchen. In addition to increased logistics and production capacities, the new facility includes a cleanroom, allowing the company to package especially sensitive products under sterile conditions.

The Lindner SE played a crucial role in the development of the cleanroom area, providing custom solutions that meet the high standards of hygiene and functionality. Robust steel doors, some of which are fire-rated, were used along with double-shell Pharma walls to ensure high stability and germ resistance.

The Lindner Cleanlife 619 glass partition wall not only guarantees durability but also provides sound insulation up to 40 dB Rw. These elements are complemented by Swing MPH hinged doors, which are resistant to aggressive cleaning agents and offer maximum flexibility in daily operations. A specialised airlock control system allows for controlled transitions between different cleanroom areas, preventing uncontrolled air flows – ideal for personnel and materials.

For the ceilings, the walkable Line 100S Type 2 ceiling system was chosen, enabling easy maintenance of the cables and utilities above. Appropriate LED lighting ensures optimal illumination and energy efficiency.

Building Type	Office buildings, Clean rooms (pharmacy and medical technology), Laboratories and Research Facilities, Industrial and commercial construction
Company Division	Lindner SE Clean Rooms
Completion	2021 - 2022
Client	Thommen Medical AG

Completed Works

- **Clean Room**

Partition systems 100	
Multiclean LVT 437	
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Partition systems glass	
Cleanlife 619	
Hinged doors	
Swing MPH	4 Pcs.
Steel grid systems	
Line 100S Type 2	125 sqm
Integrated lights	
SH LED-H	
Airlock systems	
Material pass box Matlock REG	26 Pcs.
Supply air	
Filter Fan Unit (FFU)	2 Pcs.

General





