



Schematic representation – wall panel Lindner Thermowall Typ 6

Description

The Lindner Thermowall was specially developed for use in operating rooms and clean rooms.

For heating, heating fleeces are laminated to the rear of the planking, between the planking and the insulation. This ensures a virtually loss-free transfer of heat energy. The advantage of this system is that heating surfaces can be flexibly integrated into rooms. Due to the continuous smooth and closed surface, the system is preferable to a radiator from a hygienic point of view.

Advice: HPL is a moisture-sensitive material that reacts to unilateral, permanent, strong fluctuations in humidity by changing its length. Deformations due to this fact are reversible.

During running and especially during commissioning, large fluctuations in room humidity must be avoided.

During commissioning, we recommend keeping the deviation and fluctuation within 10% of the room air humidity per day when starting the system.

Technical Data

Dimensions	Project-oriented production on the basis of premanufactured heating fleeces. <ul style="list-style-type: none"> • Width: 600 mm • Maximum length: 2200 mm
Standard width (dim. between axes)	1200 mm
Partition heights	up to 3500 mm
Joint width between elements	4 to 8 mm (4 mm standard)
Connection of heating technology	The active wall panels are connected in parallel to 45 V/AC.

Heating capacity

HPL wall panel 13 mm and heating fleece:

Nominal heating power (20 K) approx. 230 W/m²
at a mains voltage of 45 V/AC

The temperature differences for determining the nominal heating capacity are derived from the average surface temperature and the room temperature.



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