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S INSULATION A/S

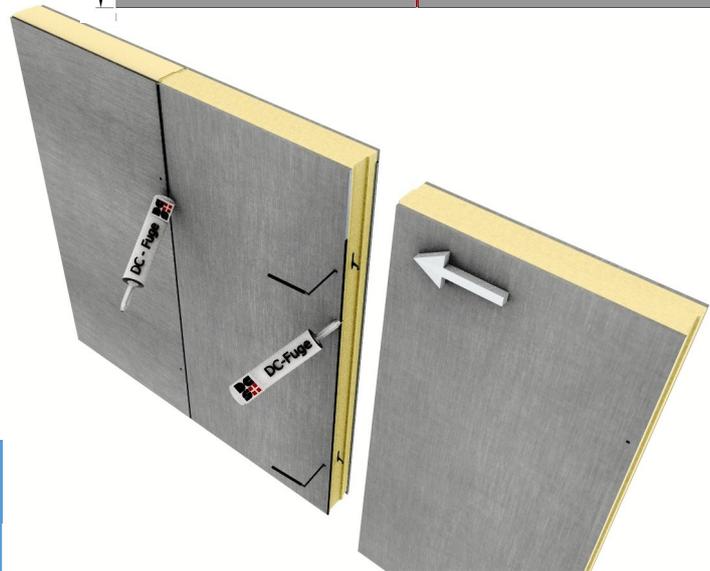
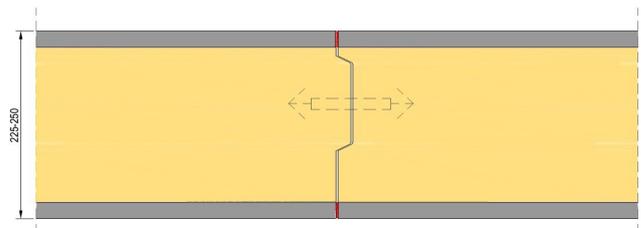
DC-THERMO WALL PANEL, REI 30

A tested and proven—and revolutionizing—panel for use as load supporting wall



This thermo wall panel offers a 48 % reduction in thickness compared with a traditional external building wall comprising of two standard bricks and mineral wool insulation. Thus, the use of this thermo panel gives an additional room of approx. 10 m² in a 100 m² house.

The thermo wall panel is used in single and two story buildings. The panel may be used as partition wall and as load supporting wall with the current approvals (REI30). The wall elements do not absorb moisture and when installed correctly they may be considered completely airtight.



Panel type	Core thickness	U-value W/M ² K	Weight kg/m ²	Fire approval
200 mm*	160	0,14	56,6	EI 30*
225 mm	180	0,12	57,4	REI 30
250 mm	210	0,11	58,6	REI 30

* OBS! This element is not a load supporting wall.

The silicone sealant is applied on the edges of the panels and the panels are then joined together and locked together by means of the key. Any surplus silicone sealant is removed by means of the rear end of the used sealant tube and the key hole is sealed with the plug included in the delivery.

For further specifications—see next page.



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TECHNICAL SPECIFICATION

DC-THERMO WALL PANEL REI 30



Product tolerances	According to EN14509
Standard product measurements	Width: 1200mm Length: Up to 8000 mm
Fire approval	REI 30
Sound insulation	Up to 38 dB
Span dimensions	Contact DC-System or visit www.dc-system.dk
Core insulation material	PU/PIR foam
Surface cladding materials	The panel is produced with 20 mm cementbonded particle on both sides
Joints	The panels are produced with tongue and grove joints and with cast in cam locks. These ensure a very tight assembly
Color	The cementbonded particle board are not colored
Others	Please contact DC-System for more information. DC-System can assist you with engineering and on-site measuring



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