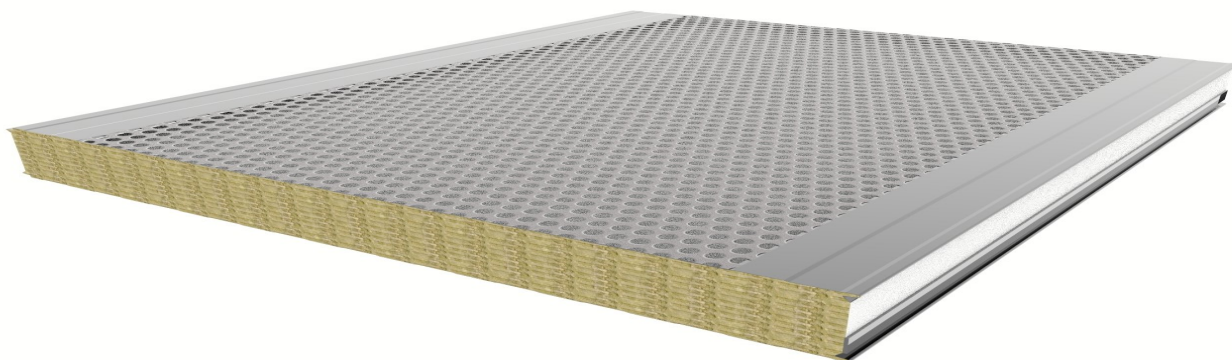


DC-System  
danish producer  
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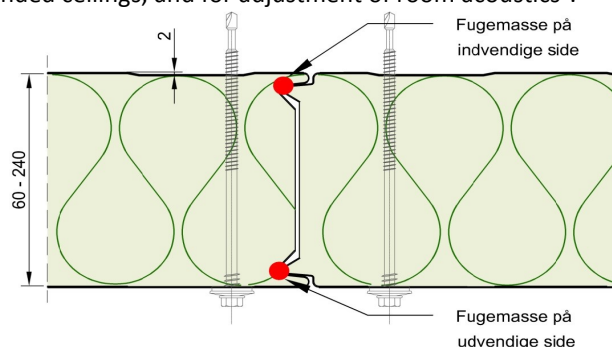
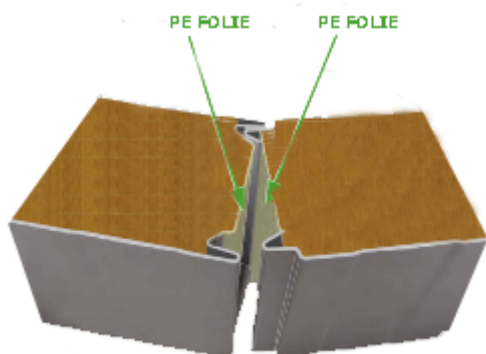
**DC-DC-SYSTEM**  
**INSULATION A/S**

## MINERAL WOOL ACOUSTIC PANEL

*A tested and proven mineral wool panel for acoustic sound absorption*



The mineral wool acoustic panel with perforated interior sheet provides a practical and clean solution for acoustic absorption. The panel is used for sound insulation of inside walls and suspended ceilings, and for adjustment of room acoustics.



The panels are produced with tongue and groove system, but it is always necessary to apply silicone sealant on the internal and external joint.

Panel type	Core thickness	U-value W/m <sup>2</sup> K EN 12667	U-value W/m <sup>2</sup> K EN 14509	Weight kg/m <sup>2</sup>	Sound insulation Rw dB	Sound absorption	Fire resistance
60	60	0,62	0,67	17,8	~32	0,85	EI 30
80	80	0,48	0,51	20,2	~32	0,85	EI 60
100	100	0,39	0,42	22,6	~32	0,85	EI 90
120	120	0,33	0,35	25,00	~32	0,85	EI 120
140	140	0,28	0,30	27,4	~32	0,85	EI 120
150	150	0,26	0,28	28,6	~32	0,85	EI 120
160	160	0,25	0,27	29,8	~32	0,85	EI 120
200	200	0,20	0,22	34,6	~32	0,85	EI 120
180	180	0,22	0,24	32,1	~32	0,85	EI 120
240	240	0,17	0,18	39,3	~32	0,85	EI 120

For further specifications—see next page.



**WWW.DC—SYSTEM.DK**  
**NORDVESTVEJ 8, DK-9600 AARS**

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DC-System  
dansk producent  
siden 1973

**DC** **DC-SYSTEM**  
**S** **INSULATION A/S**

## TECHNICAL SPECIFICATION

### MINERAL WOOL ACOUSTIC PANEL



<b>Product tolerances</b>	According to EN14509
<b>Standard product measurements</b>	Width: 1100 mm Length: Up to 15000 mm
<b>Fire approval</b>	According to EN13501-1, Euroclass A2s1d0, non-combustible
<b>Sound insulation</b>	Approx. 32 dB depending on frequency and thickness. $\lambda_w = 0,85$ , absorption class B
<b>Span dimensions</b>	Contact DC-System or visit <a href="http://www.dc-system.dk">www.dc-system.dk</a>
<b>Core insulation material</b>	Mineral wool
<b>Surface cladding materials</b>	25 $\mu$ polyester coating with a PVS protection film (this film must be removed no later than 10 weeks from the production date) on the visible side. Galvanized steel plate with 0.6 mm thickness
<b>Joints</b>	The panels are produced with tongue and groove system
<b>Color</b>	Standard colors white RAL 9010 or grey RAL 9002
<b>Others</b>	Please contact DC-System for more information. DC-System can assist you with engineering and on-site measuring



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