

DEVicell™ LowCarbon

DEVI 
by Danfoss

Make it easy,
make it DEVI

Product
is covered
by EPD*



DEVicell™ LowCarbon is an energy-efficient system, which provides up to 20% extra energy saving through

integrated thermal insulation. DEVicell™ LowCarbon Insulation plate covered with aluminum and readymade grooves for easy and fast installation of DEViflex™ 6T, 10T heating cables. The full covering **75% recycled aluminium** effect ensures faster reaction time and an even heat distribution for the top floor.

DEVicell™ LowCarbon a special system for new floor installed on top of all existing

floors or sub floors. The system can be installed on the existing tiles, wooden floors or concrete floors. The system can be used under nearly all types of floor surfaces.

*An EPD is a document used to communicate transparently, the quantified environmental impacts of a product over its life cycle stages.

Benefits:

- Sturdy construction
- No mason work with screed
- Fits DEViflex™ 6T, 10T
- Fits odd corners
- Reduced downward heat loss
- Even temperature distribution
- Quick response time with timer
- Noise reduction -3 dB



Type	Value
Construction	Polystyrene with 75% recycled aluminium
R value	0,26 m ² K/W
Plate size	50 x 100 cm
Thickness	13 mm
Aluminium thickness	0,8 mm
Insulation	12 mm fire retardant EPS
Deformation strength	>400 kPa at 10% compression
Max working temp	80 °C
Noise reduction	-3 dB



[Click to download - BIM model](#)

Heat density [W/m²]

CC-distance [cm]	DEViflex™ 6T	DEViflex™ 10T
10	60 W/m ²	100 W/m ²
20	30 W/m ²	50 W/m ²

DEVicell™ LowCarbon plates

Item no.	Type	No. of plates	EAN no.
140F1131*	DEVicell™ LowCarbon, 2 m ² package + 1 bag of Connective clips	4 plates	5703466179895
140F1130*	DEVicell™ LowCarbon, 5 m ² package + 1 bag of Connective clips	10 plates	5703466179888
140F1132*	DEVicell™ LowCarbon, 50 m ² pallet + 10 bag of Connective clips	100 plates	5703466179901

Accessories

Item no.	Description	EAN no.
18055300	Mounting set for sensor	5703466128893
19805076	Aluminium tape 38 mm x 50 m, to ensure cable contact in cavities	5703466128923
15992250	Connective clips for DEVicell™ LowCarbon 5x10 pcs	5703466129340
109200*	Edge plates for DEVicell™ LowCarbon	5703466194560

*This product contains a substance included on the candidate list according to article 59 (1,10) of regulation EC No. 1907/2006 ('REACH') in a concentration above 0,1% w/w: flameproofing agent, hexabromocyclododecane. HBCD is also present on the Annex 14 list.