DEVI® by Danfoss

DEVIcell™

DEVIcell™ is an energy-efficient system, which provides up to 20% extra energy saving through integrated thermal insulation. DEVIcell™ Insulation plate covered with aluminum and readymade groves for easy and fast installation of DEVIflex™ heating cables. The full covering aluminum effect ensures faster reaction time and an even heat distribution for the top floor.

DEVIcell™ 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. In case of "wet" installation - the glue and primer, must be suitable for installation of tiles onto an aluminum plate and confirmed by supplier of adhesives.

DEVIcell™ system under laminate, wooden or parquet floors – DEVIcell™ & DEVIflex™ must not be embedded in concrete or similar "wet" material, Dry installation only.

DEVIcell™ system under tiles floors – "wet" installation with special tiles adhesive should be used for tile installation. Tile glue and primer, must be suitable for installation of tiles onto an aluminum plate and confirmed by producer for this application.

10 YEAR WARRANTY

Benefits:

- **Sturdy construction**
- **No mason work with screed**
- **Fits DEVIflex™ (DTIP)**
- **Fits odd corners**
- **Reduced downward heat loss**
- **Even temperature distribution**
- **Quick response time with timer**
- **Noise reduction -3 dB**

Type	Value
Construction	Polystyrene with aluminium
R value	0,26 m² K/W
Plate size	50 x 100 cm
Thickness	13 mm
Aluminium thickness	0,8 mm
Insulation	12 mm fire retardant EPS
Deformation strength	180 kPa at 10% compression
Max working temp	80 ˚C
Usage of cable	5 metres per plate
Noise reduction	-3 dB

Heat density [W/m²]

CC-distance [cm]	DEVIflex™ 6	DEVIflex™ 10
10	60 W/m²	100 W/m²
20	-	50 W/m²

Types

Item no.	Type	No. of plates	EAN no.
140F1131	DEVIcell™, 2 m² package	4 plates	5703466179895
140F1130	DEVIcell™, 5 m² package	10 plates	5703466179888
140F1132	DEVIcell™, 50 m² pallet	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

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.