

Reflect insulation plates

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

EFCI 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.

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



Product specifications

Benefits <ul style="list-style-type: none"> • Sturdy construction • No mason work with screed • Fits ECflex • Fits odd corners • Reduced downward heat loss • Even temperature distribution • Quick response time with timer • Noise reduction -3 dB 	Construction	Polystyrene with 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
	Usage of cable	5 metres per plate
	Noise reduction	-3 dB

Heat density [W/m²]

CC-distance [cm]	ECflex 10
10	100 W/m ²
20	50 W/m ²

Types

Item no.	Type	No. of plates	EAN no.
088L0076	Reflect insulation plates, 5m ²	10 plates	5703466228104
088L0077	Reflect insulation plates, 2m ²	4 plates	5703466228111
088L0097	Reflect insulation plates, 50m ²	100 plates	5703466173589