

Data Sheet

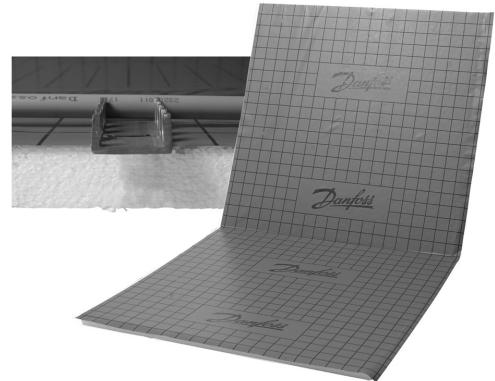
BasicRail with 035 Insulation Overlap Panels

Application

The Basic Insulation overlap panel 035 of 18 and 27 mm are 2 m² (1 + 1 m², folded) and serve as heat and sound insulation. The surface of the insulation overlap 035 panels is capable of taking stress and can be walked on. The EPS insulation has been mixed with graphite to provide even better thermal resistance than normal. The graphite allows the panel to be thinner than normal EPS which can be an advantage in rooms where the height is limited e.g. for renovation purposes.

The overlap panels forms an ideal base for the Danfoss BasicRail system. The system is easy to install and the strong foil is a technically efficient base for cement and liquid screed.

The grid print on the foil consists of 5 cm squares to make it easy to follow a defined pipe distance.



Ordering

Product	Type	Order Number
Basic insulation overlap panel 035, 27 mm	FH-IMJ	088X0074
Basic insulation overlap panel 035, 18 mm	FH-IMK	088X0075
BasicRail, 2 m	FH-BRA	088X0040
Rail clips for BasicRail	FH-BRD	088X0043
Basic perimeter insulation, 150 mm, 8 mm	FH-BK	088X0065

Technical Data

Insulation Overlap Panel 035	27 mm	18 mm
Foil	0.2 mm, flaps on two sides, 3 cm	0.2 mm; flaps on two sides, 3 cm
Insulation	Expanded polystyrene/graphite: EPS 035 DES 27-2	Expanded polystyrene/graphite: EPS 035 DES 18-2
Panel size	1000 x 2000 mm, folded	1000 x 2000 mm, folded
Total thickness (dL/dB)	30 mm / 27 mm	20 mm / 18 mm
Thermal conductivity	0.035 W/mK	0.035 W/mK
Thermal resistance (R)	0.77 m ² K/W	0.51 m ² K/W
Impact sound insulation	29 dB	28 dB
Maximum active load	4 kN/m ²	4 kN/m ²

Accessories

Product	Type	Order Number
Screed additive normal CT F4	FH-ACD	088X0090
Screed additive special CT F5	FH-ACE	088X0091
Basic movement gap strip, 2 m	FH-ACA	088X0066
Basic pipe sleeve, 40 cm	FH-ACB	088X0067

Danfoss A/S
Heating Solutions
Haarupvaenget 11
8600 Silkeborg
Denmark
Phone: +45 7488 8000
Fax: +45 7488 8100
Email: heating.solutions@danfoss.com
www.heating.danfoss.com

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