

**Data Sheet**

# BasicRail

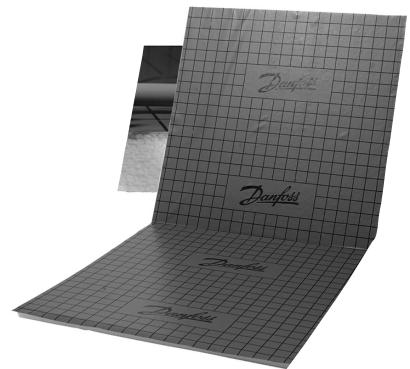
## with insulation overlap panels

**Application**

The Basic insulation overlap panels of 20 and 35 mm are 2 m<sup>2</sup> (1 + 1 m<sup>2</sup> - folded) and serve as heat and sound insulation. The surface of the insulation overlap panels is capable of taking stress and can be walked on. It forms a suitable base for the Danfoss BasicRail system and for the pipe lay-out.

They are easy to install and the strong foil is a technically efficient base for cement and liquid screed. To compensate for pipes on the floor and for deeper insulation a double layer is laid e.g. with EPS 035 DEO 20 mm.

The grid shown on the insulation foil is 5 cm.

**Ordering**

Product	Type	Code no.
Basic Insulation overlap panel, 20 mm	FH-IMB	<b>088X0071</b>
BasicRail for 16 x 2 mm pipes, 2 m	FH-BRA	<b>088X0040</b>
BasicRail for 20 x 2.25 mm pipes, 3 m	FH-BRB	<b>088X0042</b>
Rail clips for BasicRail	FH-BRD	<b>088X0043</b>
Basic perimeter insulation, 150 mm, 8 mm	FH-BK	<b>088X0065</b>

**Technical specifications**

Insulation Overlap Panel	35 mm	20 mm
Foil	0.2 mm, 3 cm flaps on two sides	0.2 mm, 3 cm flaps on two sides
Insulation (expanded polystyrene)	EPS 045 DES 35-3	EPS 045 DES 20-2
Panel size	1000 x 2000 mm, folded	1000 x 2000 mm, folded
Total thickness (dL / dB)	35 mm / 32 mm	20 mm / 18 mm
Thermal conductivity ( $\lambda$ )	0.045 W/mK	0.045 W/mK
Thermal resistance (R)	0.77 m <sup>2</sup> K/W	0.44 m <sup>2</sup> K/W
Impact sound insulation	29 dB	26 dB
Maximum active load	4 kN/m <sup>2</sup>	4 kN/m <sup>2</sup>

**Accessories**

Product	Type	Code no.
Basic movement gap strip, 2 m	FH-ACA	<b>088X0066</b>
Basic pipe sleeve, 40 cm	FH-ACB	<b>088X0067</b>

**Note on HBCD**

*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.*

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