

TECHNICAL DATA SHEET

Product: Floortherm MP
Issue Number: 02
Issue Date: July 2013

Product Information

Description

Floortherm MP is a micro-perforated, nylon net-reinforced polyethylene membrane laminated with low-emissivity, coated aluminium foil on both sides.

Application

Micro perforated, thermally insulating layer to improve the thermal performance of suspended timber ground floors and suspended beam & block concrete ground floors in domestic and non-domestic buildings.

Appearance & Packaging

Supplied in rolls with stock sizes (other sizes available on request):

- 1.5m x 50m.

Physical Properties

Water Vapour Resistance	: 1.5MN · s/g	(BBA Certificate No. 97/3375)
Tensile Strength MD	: 150-270N/50mm	
Tensile Strength CD	: 110-160N/50mm	
Elongation MD	: 8-20%	
Elongation CD	: 8-20%	
Nail Tear MD	: 100-250N	
Nail Tear CD	: 120-230N	
Width	: -0.5% +1%	
Mass per unit area	: 157-170g/m ²	

If you require any further technical information please contact our Technical Department on 01582 544255.

Thermal Performance

Foil Emissivity : 0.05
Resistance of 25mm un-ventilated void : $0.80\text{m}^2 \cdot \text{K/W}$
Resistance of 50mm un-ventilated void : $1.32\text{m}^2 \cdot \text{K/W}$
Resistance of 25mm ventilated void : $1.07 \text{m}^2 \cdot \text{K/W}$

Environmental Data

Global Warming Potential : 0
Ozone Depletion Potential : 0