

TECHNICAL DATA SHEET

Anti-moisture insulation foil a STROTEX HOTFLOOR

1. Intended use:

For use in installations of underfloor heating systems (for and behind heating elements), for protecting expanded polystyrene boards against moisture from the mortar, in renovation works carried out in order to increase the energy efficiency of buildings under screed on a standard floor, as effective insulation against steam and moisture. It is recommended to lay the Strotex Hotfloor films with the print upwards and put the layers together with an overlap, additionally glued with aluminum tape.

Declared technical parameters:

Product index		FH1000*0100*50, FH1000*0130*50			
Plastic type		PE-LD, PP, metallized polypropylene film			
Intended use		Anti-moisture insulation foil, for underfloor heating			
Recommended application temperatures		+5°C ÷ +55°C			
Parameters		Declared value		Units	Test method
		FH1000*0100*50	FH1000*0130*50		
Dimensions	Thickness	0,100 ± 20%	0,130 ± 20%	mm	EN 1849-2
	Weight	93 ± 20%	120 ± 20%	g/m ²	
	Roll lenght	50 ± 2%		m	PN-EN 1848-2
	Widht	1,0 ± 3%		m	
	Overlap's widht	3 - 4		cm	
Breaking strength	Along	> 25		MPa	EN 527-3
	Across	> 40		MPa	
Elongation at break	Along	> 50		%	
	Across	> 10		%	
Watertightness at 2 kPa		Pass		--	EN 1928
Impact resistance		≤150	≤150	mm	EN 12691
Resistance	Waterproof after artificial ageing	Pass		--	EN 1296 EN 1928
	Alkali				EN 1847 EN 1928
Low temperature resistance		-30		°C	EN 495-5
Reaction to fire		F		Klasa	EN 11925-2
Hazardous substances		NPD		--	--