



## TECHNICAL PRODUCT SHEET

# PIF ISOFAST

PIF Isofast is a unique system that consists of a finished MDF panel coated with PIF insulation foil. The panels are mounted directly on the purlins and because of the unique tongue-and-groove system, no profiles are needed for finishing.

### AREA OF APPLICATION

- pitched roofs
- knee walls

### OTHER PROPERTIES

- hypo-allergenic
- very flexible insulation
- low thickness, high insulation value
- completely recyclable
- no breeding ground for vermin
- non-corrosive

### PRODUCT ADVANTAGES

- insulation and finishing combined
- one working step, time savings of up to 50%
- easy installation over purlins
- easy to cut to size
- complete finishing system

### MOISTURE BEHAVIOUR

- non-capillary
- non-hygroscopic
- vapour-proof

### PRODUCT PROPERTIES

Tolerance (length and width)	3%
Thermal resistance ( $\lambda d$ in W/mK)	0,022
Heat capacity (Q in J/kgK)	710
Specific weight ( $\rho$ in kg/m <sup>3</sup> )	809,80
Emissivity ( $\epsilon$ )	0,10
Vapour diffusion resistance ( $\mu$ )	100.000

The table below shows the Rc and Rd values (in m<sup>2</sup>K/W), according to NTA-8800 registration number 20210627GK for the application of various PIF Isofast products in different constructions. Certificates are available for your perusal on [www.bcrq.nl](http://www.bcrq.nl)

## OVERVIEW Rc - AND Rd VALUES

	Pitched roofs	
	Rc	Rd
PIF IFT50	2,03	1,81
PIF IFT70	2,72	2,50
PIF IFT90	3,41	3,19
PIF IFT110	4,10	3,88
PIF IFT130	4,79	4,57
PIF IFT150	5,48	5,26
PIF IFT170	6,16	5,94
PIF IFT190	6,85	6,63
PIF IFT210	7,54	7,32
PIF IFT230	8,23	8,01
PIF IFT250	8,92	8,70

## ASSORTMENT

	Dimensions (mm)	Size in m <sup>2</sup>	Thickness approx. (mm)	Number of layers	Weight per m <sup>2</sup> (kg)
PIFIFT 50	600 x 1200	0,72	50	4	8,36
PIFIFT 70	600 x 1200	0,72	70	6	8,54
PIFIFT 90	600 x 1200	0,72	90	8	8,72
PIFIFT 110	600 x 1200	0,72	110	10	8,89
PIFIFT 130	600 x 1200	0,72	130	12	9,07
PIFIFT 150	600 x 1200	0,72	150	14	9,24
PIFIFT 170	600 x 1200	0,72	170	16	9,42
PIFIFT 190	600 x 1200	0,72	190	18	9,60
PIFIFT 210	600 x 1200	0,72	210	20	9,77
PIFIFT 230	600 x 1200	0,72	230	22	9,95
PIFIFT 250	600 x 1200	0,72	250	24	10,12

Other dimensions between 1.100 and 1.300 mm available on request. The thickness of the applied PIF insulation is the total thickness minus 10 mm of the finishing panel.

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