

SOPRATHERM F

Description

SOPRATHERM F is a rigid thermal insulation board made of polyisocyanurate (PIR) foam.

The boards are provided on both sides with a gas tight aluminium foil facing.

SOPRATHERM F is mainly used as thermal insulation for mechanically fixed or ballasted single ply flat roof systems.

Packing & Storage

Thickness (mm)	boards/pack	m ² /pack	packs/pallet	m ² /pallet	Thermal resistance (R _D) (m ² .K/W)
25	12	34,56	8	276,48	1,10
30	10	28,80	8	230,40	1,35
40	7	20,16	8	161,28	1,80
50	6	17,28	8	138,24	2,25
60	5	14,40	8	115,20	2,70
70	4	11,52	8	92,16	3,15
75	4	11,52	8	92,16	3,40
80	4	11,52	7	80,64	3,60
90	4	11,52	6	69,12	4,05
100	4	11,52	6	69,12	4,50
110	3	8,64	7	60,48	5,00
120	3	8,64	6	51,84	5,45
125	3	8,64	6	51,84	5,65
130	3	8,64	6	51,48	5,90
140	2	5,76	8	46,08	6,35
150	2	5,76	8	46,08	6,80

Store the boards on a flat surface, keep dry and protected from sunlight.

Characteristics

Thermal conductivity (W/(m.K)) (EN 12667)	0,022
Length (mm) (EN 822)	2400 ± 10
Width (mm) (EN 822)	1200 ± 7,5
Density (kg/m ³)	32
Edge profile	straight
Compressive strength at 10% deformation (kPa) (EN 826)	CS(10\Y)150
Dimensional stability (%) (EN 1604)	DS(70,90)4
Long term water absorption by immersion (%) (EN 12087)	NPD
Reaction to fire (EN 13501-1)	E
Reaction to fire (end use steel deck) (EN 13501-1)	B, s2-d0
Water vapour permeability (μ) (EN 12086)	NPD
Tensile strength perpendicular to faces (kPa) (EN 1607)	NPD
Compressive creep (kPa) (EN 1606)	NPD

NPD = no performance determined

Installation

The insulation can be mechanical fixed.

Always consult the local regulations and contact the manufacturer for technical questions.

Immediately after installation the insulation boards must be protected against weather conditions and sunlight.

Special indications

Hygiene, Health and Environment

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.

Quality-, Environment- and Safety Management

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with **EN ISO 9001** and **EN ISO 14001**.

