

SOPRATHERM T

Description

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

The boards are provided with a bituminized polypropylene fleece finished with a glass fibre working surface and a mineral coated glass facing to the underside.

SOPRATHERM T is mainly used as thermal insulation for partial bonded bitumen based 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	18	12,96	10	129,60	0,90
30	14	10,08	12	120,96	1,10
40	12	8,64	10	86,40	1,45
50	10	7,20	10	72,00	1,85
60	8	5,76	10	57,60	2,20
70	7	5,04	10	50,40	2,55
80	6	4,32	10	43,20	3,20
90	5	3,60	10	36,00	3,60
100	5	3,60	10	36,00	4,00
110	4	2,88	10	28,80	4,40
120	3	2,16	14	30,24	5,00
130	3	2,16	12	25,92	5,40
140	3	2,16	12	25,92	5,80
150	3	2,16	10	21,60	6,25

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

Characteristics

Thermal conductivity (W/(m.K)) (EN 12667)	25-70 mm	0,027
	80-110 mm	0,025
	120-150 mm	0,024
Length (mm) (EN 822)	1200 ± 7,5	
Width (mm) (EN 822)	600 ± 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)	NPD	
Water vapour permeability (μ) (EN 12086)	NPD	
Tensile strength perpendicular to faces (kPa) (EN 1607)	TR 80	
Compressive creep (kPa) (EN 1606)	NPD	

NPD = no performance determined

Installation

The boards can be mechanically fixed, adhered with hot bitumen (max. 240 °C) or a suitable adhesive.

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**.

