

PIR board F/F TECHNOMICOL



DESCRIPTION:

PIR F/F TECHNOMICOL is a thermal insulation board with a rigid polyisocyanurate foam core, faced on both sides with unmarked gastight aluminum foil.

This high performance PIR insulation board is designed for use on flat roofs with mechanically fixed single ply waterproofing systems. Being very rigid and perfectly flat, PIR is an ideal substrate for waterproofing materials.

PIR F/F TECHNOMICOL is 100 % CFC, HCFC or HFC-free.



APPLICATION:

Flat roof: flat roof insulation for timber, concrete and steel deck.

Sarking: pitched roof insulation.

Floor: floor insulation (with underfloor heating).

Wall: cavity wall insulation, outside wall insulation.

Comfort: sauna internal insulation

EDGE FINISH:



Straight



Rebate (L)



Tongue and groove (T)

PRODUCT STANDARD:
EN 13165+A2:2016

PRODUCTION:
ISO 9001:2015

**ENVIRONMENTAL
MANAGEMENT:**
ISO 14001:2015

CERTIFICATES:
M1 CERTIFICATE # 3272
FROM 28.04.2020

PERFORMANCE AND KEY PROPERTIES:

Properties	Test Method	PIR boards F/F TECHNOMICOL
Thermal conductivity λ_D , W/(m ² K)	EN 12667	0.022
Thickness tolerance	EN 823	T2
Reaction to fire	EN 13501-1	Class E
Dimensional stability under specified temperature and humidity condition, 48 h, 70 °C, 90 % R.H	EN 1604:2013	DS(70,90)4
Deformation under specified compressive load and temperature conditions, 40 kPa, 70 °C, 168h	EN 1605:2013	DLT(2)5
Fire class 'end use' application	EN 13501-1	B-s1,d0
Compressive stress or compressive strength, CS(10\Y)150, kPa	EN 826	≥ 150
Tensile strength perpendicular to faces	EN 1607:2013	TR100
Water permeability - short term water absorption, WS(P)	EN ISO 29767	0.1
Water permeability - flatness after one sided wetting, FW2	EN 825	≤5
Density, kg/m ³	EN 1602	30 ± 2
Facing type		aluminum foil
Thickness (mm)		30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200
Rd (m².K/W)		1,35 1,80 2,25 2,70 3,15 3,60 4,05 4,50 5,00 5,45 5,90 6,35 6,80 7,25 7,70 8,15 8,60 9,05

DIMENSIONS:

Standard dimensions, mm	1200x2400
Dimensions on request, mm	1200x1200, 600x1200
Thickness, mm	30-200 in steps of ten

* The boards produced with rebates on four sides have actual size 2385x1185, 1185x1185, 1185x585.