

## THERMAL RESISTANCE CHART

### Polyisocyanurate PIR Thermal Insulation (flat board)

**Recticel Eurothane Silver** is a composite aluminium foil facing PIR thermal insulation board

Performance Characteristics:

Thickness (mm)	R-Value m <sup>2</sup> .K/W
50	2.25
60	2.70
80	3.65
100	4.50
120	5.45
140	6.30



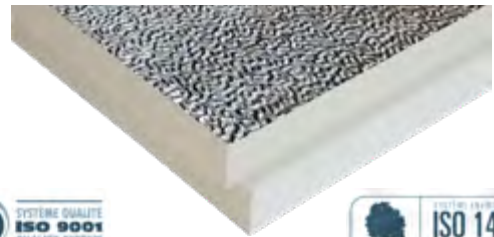
- Aged thermal conductivity coefficient (=λ) 0.022W/m.K (EN 12667)
- High compressive strength ≥150 kPa at 10% deformation
- Water absorption <2.0%
- Board size: 1200 x 2500mm
- Board density: 30 kg/m<sup>3</sup>
- Quality labels

### Polyisocyanurate PIR Thermal Insulation (flat board)

**EQUUS SOPREMA SOPRA-ISO** is a composite aluminium foil facing PIR thermal insulation board

Performance Characteristics:

Thickness (mm)	R-Value m <sup>2</sup> .K/W
50	2.35
60	2.85
80	4.00
100	4.85



- Aged thermal conductivity coefficient (=λ) (AS/NZS 4859.1)  
50-70mm = 0.021 W/m.K  
80- 95mm = 0.020 W/m.K  
100mm = 0.021 W/m.K
- High compressive strength ≥160 kPa at 10% deformation
- Board size: 1200 x 2270mm
- Board density: 34 kg/m<sup>3</sup>
- Quality labels

### Mineral Wool Thermal Insulation (flat board)

**SOPRAROCK HD60** is a single density, non-flammable, water repellent, thermal and sound insulation board of mineral wool based on basalt rock.

Performance Characteristics:

Thickness (mm)	R-Value m <sup>2</sup> .K/W
50	1.30
60	1.55
80	2.05
100	2.63
120	3.15
140	3.68



- Aged thermal conductivity 0.038 m<sup>2</sup>.K/W (EN 12667)
- Compressive stress (60kPa @ 10% deformation)
- Non-combustible (Euro Class A1, EN13501-1)
- Moisture absorption: <1.0%
- Board Size: 1200 x 600mm
- Board Density: 180 kg/m<sup>3</sup>