

**TECHNICAL DATA SHEET****BauderVIP - Vacuum Insulation Panel****DESCRIPTION**

BauderVIP is a vacuum insulation panel that is specially designed to provide high thermal performance in areas with limited height and is ideally suited for terrace and balcony applications.

The exceptionally good insulating properties achieved by BauderVIP vacuum core (Aged calculated value of thermal conductivity = 0.063 [W/mK]) comes from the high performance Pyrogenic Silica. This silica is surrounded by a multi-layer high-barrier film, and then the air is removed from the silica so that a vacuum is created. Once combined with the other elements of the panel construction the aged calculated value of thermal conductivity = 0.009 W/mK

**TECHNICAL DATA:** for the complete panel**Weights and sizes**

Board Size: 1000 x 1000, 1000 x 500,  
Weight: 13 kg /m<sup>2</sup> per 60mm approx  
Board Thickness: 60mm.

**Surface finish**

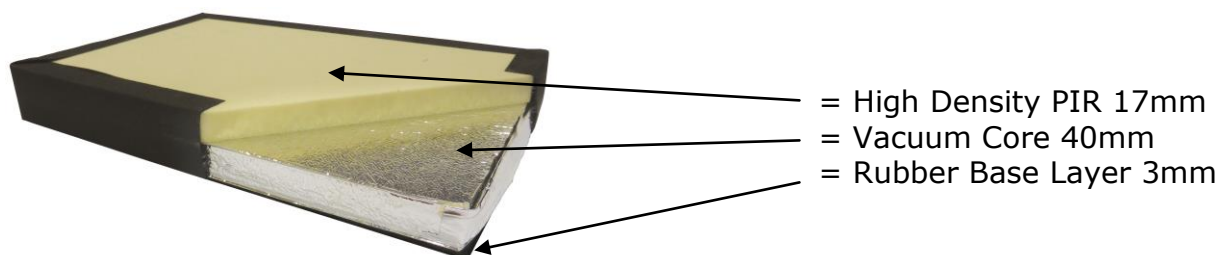
Top : High Density PIR.  
Core: Pyrogenic Silica Vacuum  
Underside: Rubber Granulate.

**Technical performance**

PIR index: >250 (extremely high dimensional stability)  
Thermal conductivity: 0.009W/mK  
Compressive strength: ≥ 0,12 N/mm<sup>2</sup>.

**Environmental Information**

Ozone Depletion Potential: Zero  
Global Warming Potential: 3 kg CO<sub>2</sub>-Eq./kg

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