

IMIDESIGN® P

The Insulcon Group is one of the largest and most specialized manufacturers of high temperature resistant hearth liners. Our in-house production facility is specialized in making various shapes for creating a unique stove.

Imidesign® P is being manufactured out of Pumicon®, a high quality vermiculite. Tests have proven the excellent strength compared to alternative brands

Imidesign® P

- Good thermal performance
- Unique strength

Technical Specification

Classification Temperature (°C)	:	1100	
Bulk density (kg/m ³)	:	700–900Cold	
compressional strength	:	6.0	
Thermal conductivity (at a medium temperature (W/mK)	200°C	:	0.18
	400°C	:	0.20
	600°C	:	0.21
After shrinkage (1100°C/12h) (%)	:	< 2.0	
Thermal expansion, linear (20-700°C) (%)	:	0.94	
Specific heat capacity (kJ/kg K)	:	1.15	
Standard dimensions (mm)	Length	:	3100
	Width	:	1250
	Thickness	:	8–40
Plane parallelism +/- (mm)	:	0.2	
Colour	:	Beige	