

# 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 our board Pumicon®, a high quality vermiculite. Tests have proven the excellent strength compared to alternative brands

## Imidesign® P

- Good thermal performance
- Unique strength
- Does not contain asbestos or fibres
- Environmental friendly
- Resistant to temperature change

## Technical Specification

Classification Temperature (°C)	:	1100
Bulk density (kg/m <sup>3</sup> )	:	750 - 900
Compressional strength (N/mm <sup>2</sup> )	:	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
Plane parallelism +/- (mm)	:	0.2
Colour	:	Beige*

\*other colours available upon request

Our in-house Imidesign® production facility is specialized in making custom made various shapes (hearth linings) that fits your unique stove.

It is even possible to customise your stove with your business logo and/or slogan. Just discover our possibilities and take contact with us!