

IMIDESIGN® S

One of the latest additions to our range of products is our new product line of **Imidesign® S**.

Imidesign® S products are made out of a specially designed mixture, which is based on fiber free cement and pure minerals. This unique mix provides an excellent combination of technical properties, like a good thermal performance a smooth hot face surface and high strength. Imidesign® S products can be used in several applications and industries, for example as hearth liner, casting tubes and for fire protection purposes.



Chemical characteristics

Al ₂ O ₃	18-20%
CaO	22-24%
SiO ₂	57-59%
Fe ₂ O ₃	< 0,3%

Technical Characteristics

Maximum use temperature	1250	°C
Bulk density	1560	kg/m ³
Flexural Strength	3,2	N/mm ²
Hardness	60	shore D
Compressive Strength After 12h/110°C	19	N/mm ²
Coefficient of Thermal Expansion	6,8x10 ⁻⁶	K ⁻¹

General characteristics

- High temperature stability (up to 1250°C)
- Available in several colours (through coloured)
- High strength
- Freedom in design, even in 3D
- Custom Made
- In compliance with Directive 2005/31/EG and Directive 84/500/EEG

All Imidesign® S products are being manufactured in our own production facility in the Netherlands.