

Data Sheet

Revision 2: 2025.06.02

Calsipour 11

A white pourable aluminosilicate refractory which is soft and easy to cut, with properties similar to calcium silicate board. The material has a high porosity and a very fine texture.

Chemical analysis (%)

Al ₂ O ₃	49.9
SiO ₂	33.1
CaO	10.2
MgO	3.20
Fe ₂ O ₃	0.72
K ₂ O	0.52
TiO ₂	0.45
Na ₂ O	0.34
P ₂ O ₅	0.34
ZrO ₂	0.25
Cr ₂ O ₃	0.01
LOI	0.62

Physical Properties:

Bulk Density (Wet):	~1.22 g/cm ³
Bulk Density (Dried @ 110°C):	~0.98 g/cm ³
Bulk Density (Fired @ 450°C):	~0.86 g/cm ³
Apparent Porosity:	~32%
Maximum Service Temperature:	~900°C

Preparation:

Add +48% water, mix and pour within 5 minutes.

Setting time / Heat of hydration:

Between 1 – 3 hours depending on weather conditions.

Packaging:

8kg plastic bags.

Shelf life:

About 18 months