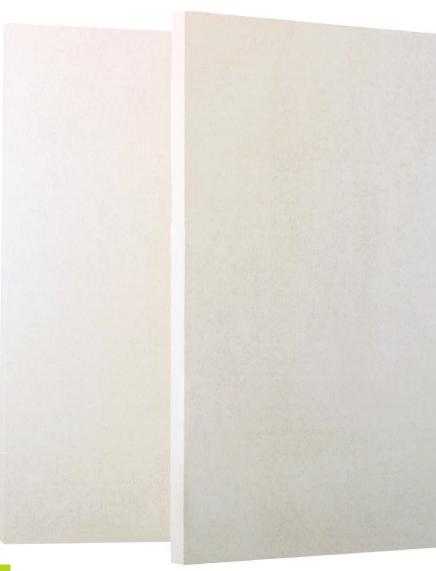
CALSITHERM CLIMATE BOARD is made from calcium silicate, a micro-porous mineral building material with effective insulating properties which is highly capillary open. The nature of the material and properties of the board ensures a comfortable living environment through its ability to regulate humidity. The high PH and molecular structure of the material means that mould growth is inhibited.

CALSITHERM CLIMATE BOARD offers solutions to thermal bridging and provides unsurpassed protection against the risks of interstitial condensation, mould, and structural degradation. CALSITHERM CLIMATE BOARD is nonflammable with a fire class rating of A1.

## **Features**

- Reliable thermal insulation for existing masonry walls.
- Made from traditional building materials sand and lime (calcium silicate).
- Enhances comfort and creates a healthy living climate.
- Highly capillary active insulation optimizing moisture transfer.
- Extreme resistance to mould.
- Innovative solutions for thermal bridging.
- 30mm of climate board can reduce heat transfer by 50%.
- Ideal insulation solution for old and historic buildings.
- High compression resistance.



## **CALSITHERN CLIMATE BOARD**

## The Ideal Thermal Solution for Restoration

## **Technical Details**

Materials: Calcium Silicate (sand and lime)

Thermal Conductivity:

0.059W/mk

Density: 180-187kg/m<sup>3</sup>

Compressive

Strength: >1 MPa

Water vapour

transmission rate:  $\mu$  3

Porosity:

Fire Rating

(DIN 4102): A1 non-combustible

3rd Party

ETA-15/0340 Accreditation:

Environmental

Product

Declaration: EPD-CSP-2013111-IAC2-EN

(Institut Bauen und Umwelt e.V)

Colour: White

Boards are pre-primed.

**Board Width:** 500mm Board Length: 1250mm

M² per board: 0.625

Board Thickness: 30mm, 50mm

Weight per board: 30mm - approx 3.6kg

50mm – approx 6.3kg

Boards per pallet: 30mm – 136 boards

(85m<sup>2</sup> and 490kg)

50mm - 80 boards (50m<sup>2</sup> and 504kg)