

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 non-flammable 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.



CALSITHERM 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 ³ |
| Compressive Strength: | >1 MPa |
| Water vapour transmission rate: μ | 3 |
| Porosity: | 90% |
| Fire Rating (DIN 4102): | A1 non-combustible |
| 3rd Party Accreditation: | ETA-15/0340 |
| 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 |
| M ² 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 ² and 490kg) |
| | 50mm – 80 boards (50m ² and 504kg) |