



SkamoWall
Building

Prevent damp and mould problems once and for all

Why SkamoWall?

SkamoWall is the answer to a recurrent challenge for those who have problems with cold and damp interior walls that accumulate moisture and may also have problems with mould.

Damp and mould can occur in many different kinds of building. This is especially true of rooms where there is a big difference between the temperature in the middle of the room and the temperature at the internal wall.

You can now prevent damp and mould problems once and for all by using SkamoWall for interior thermal rehabilitation.

The system solution from Skamol has been mounted on close to a million square meters of walls and gables in Germany for the last 20 years. The indoor climate boards made of calcium silicate are the focal point of the system.

The solution is considered to be the most effective there is for the elimination of mould. There have never been any complaints about the system.

Do you know it?



Damp regulating

SkamoWall has a high capillary effect. This means that the damp is moved from the cold side of the wall to the hot side where it evaporates into the room.



High insulation value

SkamoWall reduces energy consumption by up to 70% in relation to a normal, non-insulated brick wall.



Prevents mould

The Technological Institute has tested the system's ability to prevent the growth of mould. There was no indication of the growth of mould on the surface seven weeks after SkamoWall had been installed. You can read the full report at skamowall.com.



Protects against fire

The fire resistance of SkamoWall Boards is classified as the highest requirement level of A1 according to the European Fire Classification System EN 13 501. This means that SkamoWall Board is classified as a non-combustible material.

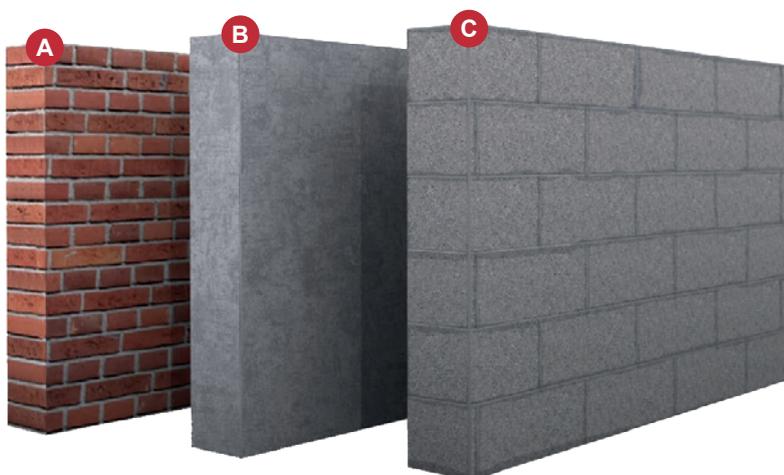
Where can SkamoWall be used?



SkamoWall is suitable for renovation

SkamoWall can be particularly useful for rooms where there is a big difference between the temperature in the middle of the room and the temperature at the internal walls.

- 1 Wet rooms**
Where there are problems with high humidity and temperature differences, but not from direct water impact.
- 2 Gable walls**
Where thermal bridges, damp and tendencies to mould arise.
- 3 Living quarters**
Where ventilation could be better and therefore causes moisture and mould problems.
- 4 Basement walls**
Where damp and mould cause problems because the moisture is not transported away from the room.

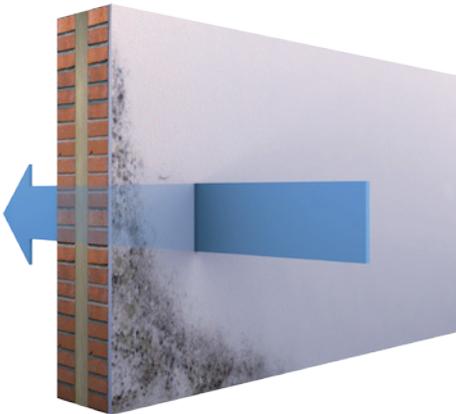


The SkamoWall system solution can be used as interior insulation on walls made of:

- A Tile**
- B Clinker**
- C Leca**
- D ... and other wall types, but not those made from wood.**

How does the SkamoWall system work?

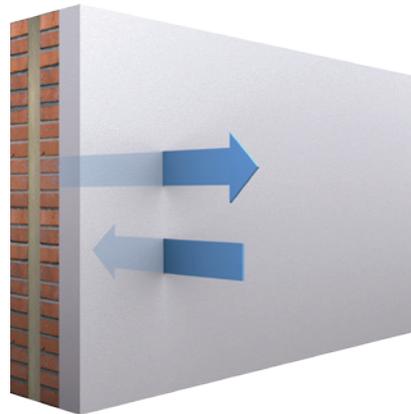
The problem



This is how it looks in many places

Here you can see a cold surface with a high content of damp. The mould starts to grow.

The solution

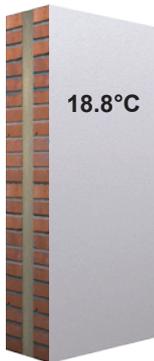


SkamoWall regulates the damp in the room

SkamoWall Board has very minute pores and can absorb water from the content of the air's moisture. The water will always search for the driest part of the material. When the room is aired out, the damp searches for the cold and evaporates, i.e. the damp disappears.



Non-insulated wall



A wall insulated with SkamoWall Board 100 mm

Reduces heat loss

By mounting the SkamoWall Board on a non-insulated brick wall, you can raise the wall temperature by almost 3 °C at an outside temperature of 0 °C. This, together with SkamoWall's ability to regulate the damp in the room, will provide a comfortable indoor climate.



Other benefits when using SkamoWall

- quick and easy installation
- virtually no waiting time between each step of the process
- the boards can be mounted by one person



The workman says:

Compared with other solutions on the market, we find that SkamoWall is significantly faster to put up, just as the preparation is significantly easier.

Martin Lægdsmand, master builder
Aarhus Murer & Tømreerforretning A/S, Denmark

Technical data

Keep warm with SkamoWall

SkamoWall Board is available in depths, each with its own insulation properties. The thicker the board you choose, the less heat you will lose. The table on the right shows examples of heat loss in a room of 20 m² where the temperature is 20 °C. The outdoor temperature is set to 0 °C.

Insulation type	Heat loss
Without insulation	0.62 kWh
SkamoWall 25 mm	0.39 kWh
SkamoWall 50 mm	0.28 kWh
SkamoWall 100 mm	0.19 kWh

SkamoWall is screw-friendly

You can screw directly in SkamoWall Board after mounting.



The Research Institute writes:

Calcium silicate boards are the opposite of framework walls, in that they can absorb damp from the indoor climate, which can then diffuse through the material. When the damp content of the material becomes so high that capillary condensation occurs in the side toward the outer wall, the capillary absorbing properties of the material means that the damp is pulled against the indoor climate again, as the water will search for the dry part of the material. The water can now evaporate in towards the room until stability occurs and the surface becomes dry.

SkamoWall – the complete wall system

SkamoWall is a complete system for interior insulation. The focal point of the system is SkamoWall Board.

The boards must be mounted with the accompanying help system in order to obtain the best results and benefit from our guarantee.

Get the perfect wall and a healthy indoor climate with one complete solution: SkamoWall.

SkamoWall Board

The board

SkamoWall Biocide

The mould remover

SkamoWall Primer

The primer

SkamoWall Corner

The corner protector

SkamoWall Adhesive

The adhesive

SkamoWall Mesh

The mesh reinforcement

SkamoWall Smooth Plaster

The plaster

Eliminate damp and mould problems once and for all



Skamol

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