

Wall insulation

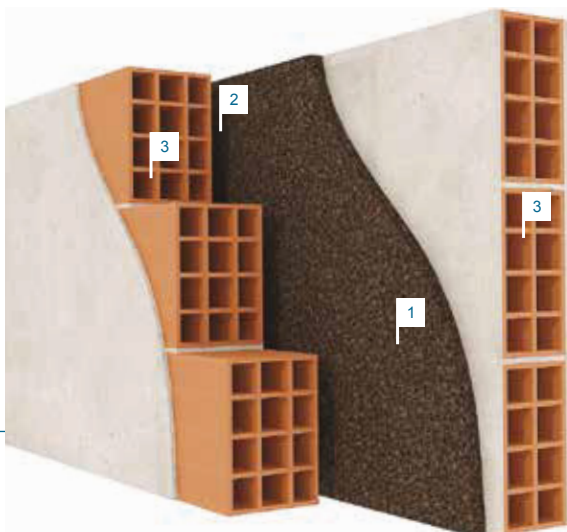
REAL THERMAL AND ACOUSTIC COMFORT

The application of Expanded Cork Board in the insulation of double walls (air gap) provides excellent thermal insulation for a long time period plus suitable acoustic comfort. Double walls with an air gap tend to create serious problems with dampness which is why it is of paramount importance to create a groove

at the bottom of the air gap, on the slab, with an outlet to the exterior, thereby creating ventilation of the air gap which, along with the barrier caused by the Expanded Cork Board, eliminates any dampness problems.



INSULATION OF EXTERIOR WALLS (AIR GAP)

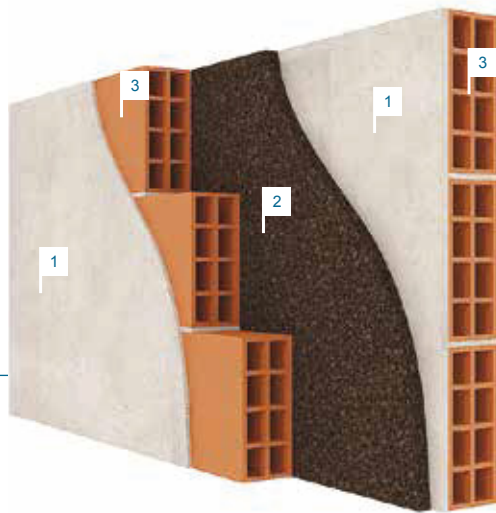


- 1. Expanded cork board - ICB
- 2. Ventilated Air Gap
- 3. Double wall



Wall Insulation

INTERIOR WALL INSULATION (IN MASONRY)



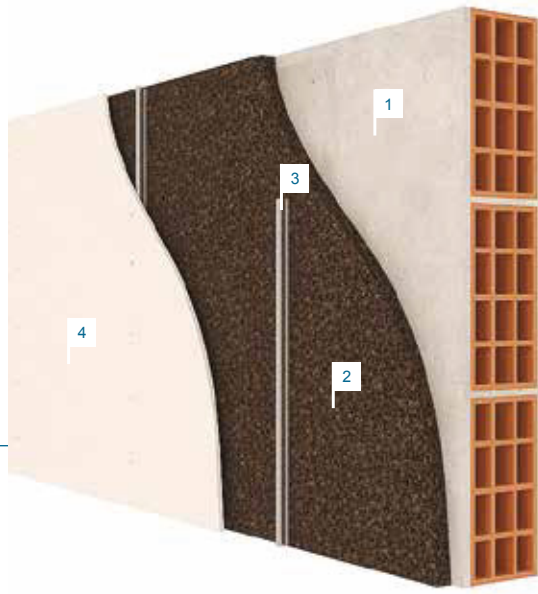
OVERHEAD SOUNDPROOFING

11cm dual wall
 4 cm expanded cork
 + agglomerate - ICB in air gap

RW=53 dB (LNEC test)

- 1. Plaster
- 2. Expanded Cork Board - ICB
- 3. Double wall

INNER WALL INSULATION (MADE OF PLASTERBOARD)



- 1. Plaster
- 2. Expanded Cork Board - ICB
- 3. Risers
- 4. Plasterboard

Benefits

Comfort - thermal insulation and soundproofing	Excellent transpiration capacity
Dimensional stability of the material	Energy savings
Natural product (healthier)	Effectiveness without time limit