



Insulation of cold stores

The Expanded Cork Board is the ideal insulating material for cold stores (upkeep, freezing and controlled atmospheres). The low thermal conductivity coefficient, affording high thermal resistance with low thicknesses, appropriate specific weight, associated with notable bending and compressive strength, elastic deformation for pressures of 2000 Kg/

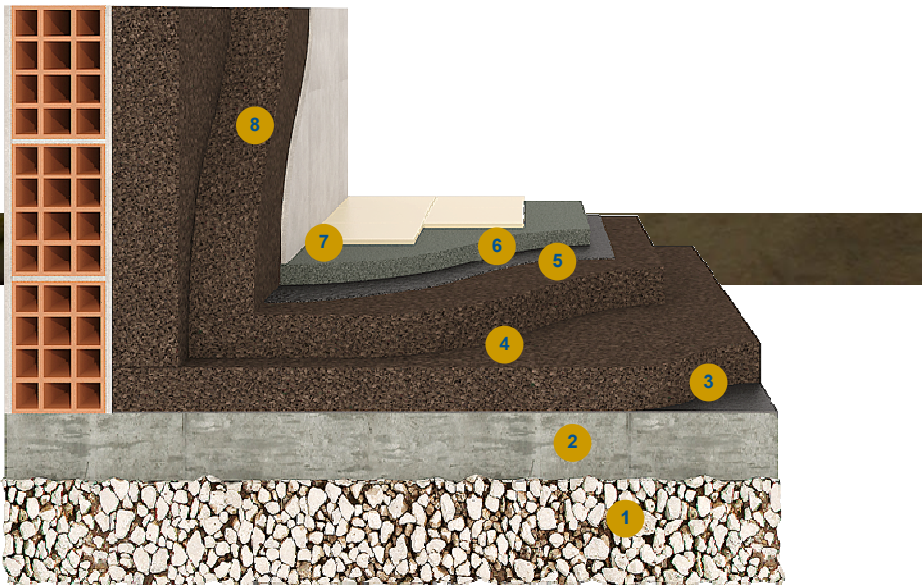
m², ease of application, perfect integration in structures and unlimited durability, proven by projects carried out over half a century ago, all go to make up a series of characteristics matched to no other products.

Duly calculated, the insulation of cold stores, constitutes an excellent investment with high dividends, receivable in the the short-term,

as not only the energy saved in the maintenance of the required temperatures, but also on the power of the equipment to be installed is also reduced and, hence, its costs.



FREEZING CHAMBERS



Application in freezing chambers

The freezing technique extends to meat, fish, butters, cheeses and many other perishable products, to wit, certain fruits. It consists of storing products below zero, usually under the micro-organism development limits. Temperatures of up to -40°C are usual in this kind of system.

- 1 Riprap 2 Slab 3 Steam barrier 4 2 layers of Expanded Cork Board - ICB 100/150mm
- 5 Waterproofing 6 Screed 7 Final pavement 8 Roughcast