



# NEUCETHERM CORK

AGGLOMERATED CORK



- 100% NATURAL
- WATERPROOF
- PERMEABLE TO WATER VAPOUR
- PREVENTS CRACKS
- ENERGY SAVINGS
- FUNGICIDE PROTECTION

The External Thermal Insulation System and Acoustical Neucetherm Cork is a precious help for the stabilization of the temperature inside houses, allowing for energy savings of up to 30%, boosting maximum comfort at a low cost. NEUCETHERM CORK allows for the maintaining of optimal temperatures within the houses all throughout the year, thus avoiding the use of air conditioning appliances. NEUCETHERM CORK also ensures greater durability of the building, as it provides added protection against the effects of atmospheric agents.

Its fire reaction properties, thermal conductivity, compressive strength, and water absorption and water vapour permeability - which contribute to the prevention of condensation or fungi and mould inside the houses - make this a one-of-a-kind system. Developed from expanded cork agglomerated slabs (thermal and acoustic insulation slabs), NEUCETHERM CORK uses environmentally sustainable materials of Portuguese origin in their composition, thus providing a high level performance and contributing to more sustainable buildings.

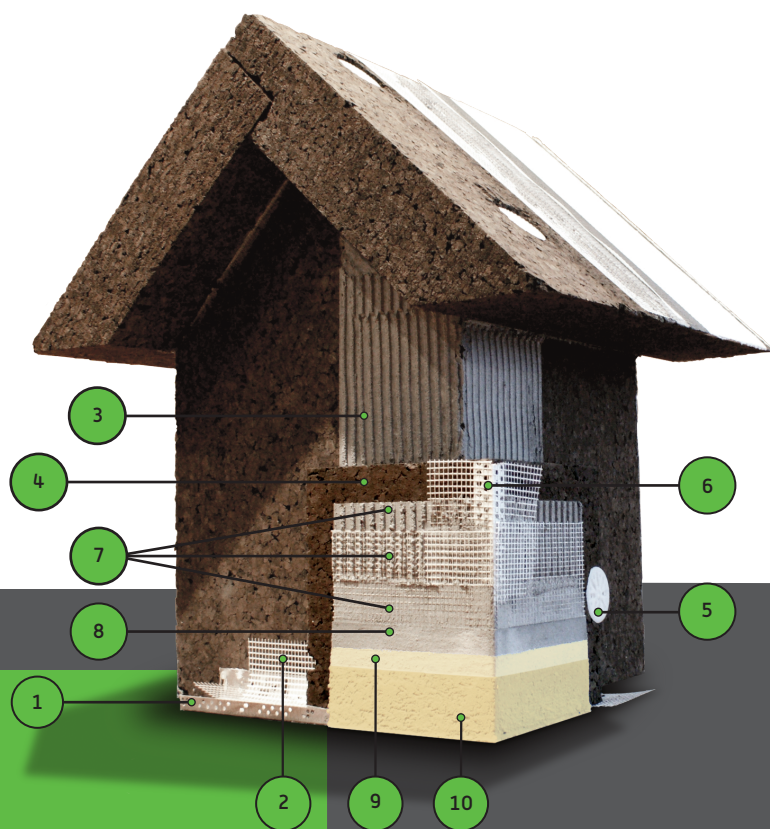




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- 1 • Aluminium System Starter Profile.
- 2 • Neucetherm Normal Mesh - Fibreglass mesh with anti-alkaline protection with 160g/m<sup>2</sup>.
- 3 • Neuceglue 100 - Paste adhesive and coating mortar.
- 4 • Plates of Agglomerated Cork.
- 5 • Fixing Plugs in PVC.
- 6 • Corner Profile in PVC with Fibreglass Mesh with Anti-alkaline Protection.
- 7 • Application of one layer of Neuceglue 100, inserting immediately the mesh Neucetherm Normal Mesh pressing it into the mortar Neuceglue 100.
- 8 • Neuceglue 100 - Paste adhesive and coating mortar ( 2nd coat ).
- 9 • Neucetherm Primer.
- 10 • Final coating with Neucedecor (Extra-fine, Fine, Intermediate, Medium, Coarse, ARD and ARD 1.0mm), Neucetex or Neucegold.



### NEUCETHERM CORK SYSTEM ADVANTAGES:

- Expanded Cork agglomerated, is a sustainable material for sustainable constructions.
- It is a 100% NATURAL material.
- Decrease of exterior walls thickness, providing an increase in the living area.
- Reduction of the walls weight and the permanent charges over the structure.
- Improves the walls waterproofing.
- Waterproof to rain water, but permeable to water vapour.
- Increases the facades lasting protecting them from the climatic and atmospheric agents action (Thermal and acoustical shocks, liquid water, UV radiation, etc ...)
- Simple to apply.
- Possibility of mutation concerning the facades aspect and application during working without disturbing the occupants, which makes this insulation system particularly appropriated for the rehabilitation of damaged facades.
- Covers or reduces the risk of cracks in exterior walls.
- Continuous application system, without interruptions in the structural areas, as a consequence a reduction of the thermal bridges.
- Inside houses temperature more stable.
- Cost-cutting with the warming and cooling of houses.
- Decreases the risk of condensation and development of fungus inside houses.
- As it is applied by the exterior, doesn't imply a reduction of the inside areas of houses.
- Large variety of finish colours and textures.



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