

Lime putty is the most ancient, natural and ecological glue. It is used in bio-costruction as binder for mortar and plaster. Lime putty is obtained by cooking river pebbles at a temperature between 900° and 1100° in firewood-chips oven. Cooking at high temperature produces quick lime (calcium oxide), the addition of water causes the shutdown and creates lime milk that becomes lime putty after natural ageing in tanks. The result is a natural and ecological product that improves quality and comfort of house living because it is not dangerous for environment and human being. Lime putty in bio- construction doesn't allow the creation of mould and bacterias, it naturally balances the moisture content in the house removing allergies, respiratory issues caused by using chemical materials in the traditional construction.

Bio cappottotermico.net is a product that combines tradition, the lime putty, with technology, the aerogel nanotechnology. The result is a bio product, ecological and natural: bio thermal plaster low thickness with better insulating efficiency than other traditional panels made with synthetic and chemical materials. The application of bio thermal plaster low thickness in a cold house increases the wall temperature from 2 to 7 degrees, that means the comfort and quality life in the house (office or any other building) is better and healthy, because increasing temperature means do not allow the creation of mould and bacterias dangerous for human being health. Lime putty has many features that makes unique bio thermal coat low thickness cappottotermico.net: breathabile, healthy, ductility.

Bio cappottotermico.net low thickness patented and certified is thermal plaster made with aerogel nanotechnology and lime putty.

