





Insulate according to nature

The request

Protect himself from the cold, protect himself from the hot, man has always had this need, which has undergone a different connotation with the change of lifestyle and the transformation of populations from nomadic to sedentary.

At the end of the XIX century, the development of buildings with the use of new technologies, required the introduction of specific insulating materials in order to contain heat losses.

During most of the XX century, the way to work was: the introduction of new and different materials, imposed by technology, fashion or purely commercial needs.

With the process of industrialization and the construction of increasingly chaotic metropolis, to provide a thermal insulation, as well as a suitable acoustic insulation, to protect themselves from more and more intrusive and damaging noises, became necessary.

In recent years, with the importance of the debate about the global warming and so the demand to reduce carbon dioxide emissions, we have attended to a radical cultural evolution, whose result has been a rediscovery of natural insulating materials, already used at the dawning of the insulation of buildings.

Today the common desire, the need to achieve energy savings and the new "Eco-Bio" conscience, determines an inevitable choice: the use of natural products which don't have harmful effects for people or negative consequences for the environment. This request has a simple pragmatic answer: insulate according to nature.



Coverd

The answer

Based on this awareness, Angelo Verderio and Ornella Carravieri founded in 1984 the company Coverd, with the aim to promote the use of natural insulating products for the market of the green building, by that time still unexplored.

This farsighted vision, able to anticipate the developments of the building industry in Italy, has allowed the company to quickly obtain a lead role in the creation and distribution of thermal and acoustic insulating materials.

To meet the needs of the market, which is in a great state of ferment, Coverd, through its research and development department, studies, designs and tests new technologies using practical methodologies combined with the sale of truly innovative materials. Great attention is given to the diffusion of the "Green" culture, a way to interpret a world in change.

The constant growth of the society, has enabled the company to structure itself in order to expand its business beyond national borders to export to Europe, after thirty years of solid experience in Italy, know-how, technology, products and solutions that fully meet the needs of the European market.

Coverd wants to share with you this dream: a company that improves itself, invests in the progress, understands and satisfies needs using the paradigm of the "total quality" with the aim to reduce harmful emissions on our planet and ensure a better future to us and to our children.



Cork

The instrument

To meet the need to insulate “according to nature”, Coverd has developed innovative practical technologies regarding the light natural cork, completely manufactured and processed in Italy.

The light cork, obtained from the bark of the “Quercus Suber”, without cutting the tree but through its cultivation for the further crop after ten years, has been used for centuries for the manufacture of wine bottles caps.

The successful idea was to make it the best product for the thermal and acoustic insulation in the building industry, obtaining a material of extremely high quality with limited transformation processes (seasoning of the bark, boiling, grinding, assembly of granules in panels).

The light cork is

- Ethical, thanks to the processing cycle that occurs without labour exploitation
- Eco-friendly, because the cork processing and its transformation is performed with renewable energy, photovoltaic for the production of electrical energy and biomass, obtained by processing scraps, for the production of the required thermal energy.
- Zero impact, because the processing cycle doesn't involve CO² emissions, from the production to the final use, in full compliance with the environment.



Technologies

Well-advanced products and solutions

In the years, Coverd, has developed innovative and well-established systems for the Italian market, offering green building solutions appreciated for their efficacy and practice.

Light cork panels, SoKoVerd®, are used for the thermo-acoustic insulation in the cavities of inner and outer walls, floors and roofs. Alternatively, the insulation can be obtained with the use of SugheroLite®, light cork in granules, which is laid loose on roofs or non-walkable floors. The cork in granules can also be injected in cavities to achieve high thermal and acoustic insulation performances.

The main features of the practical technology that Coverd uses, are the certified systems for the realization of thermal “covering” insulation and for the control of the sound reverberation in indoor spaces:

Bioverd® is the first system in Europe for the thermal “covering” insulation (ETICS, External Thermal Insulation Composite Systems) composed of natural light cork laid without mechanical anchors (dowels), CE marked (ETA 11/0263).

Kontro® is the only soundproof false ceiling that uses light cork panels, properly treated for the reaction to fire (B s1 d0 euro-class). The CE marking (CPD/0497/2001/07) guarantees the performance quality of the system.



Research and Development

Total quality

To obtain and maintain high-quality products to offer to the market, Coverd has invested and continues to invest in the research and technological development, using well-advanced technologies and equipment for acoustic (phonometry, vibrometry, intensimetry, signal analysis, etc.) and thermal analysis (IR thermography, thermal flow measurement, etc.).

Thirty years of experience of the technical staff is the surplus value: "to invest in the value" is the philosophy that today Coverd wants to propose to the European market.

All products have been registered to ensure their exclusivity, result of years of technological research and practical solutions development.

The conscience towards the subjects of the green building, persuaded Coverd to publish the Bioedilizia® magazine that has become, in over 25 years, the reference point for the operators of the building industry.

The great attention to the subjects of the architectural acoustic, has facilitated the publication of a second magazine, Audiodinamika®, now in its fourteenth year of life.

Coverd registered the "Eco-friendly Bio-climatic Green-Building®" trademark, to ensure its quality.

With respect to VOC emissions, the SoKoVerd light cork panel belongs to the A+ emission class according to the AFNOR NF EN ISO 16000-9 regulation.



Success

Solution

Business Strategy

Innovation
Branding
Solution
Marketing
Analysis
Ideas
Success
Management

Innovation
Branding
Solution
Marketing
Analysis
Ideas
Success
Management

SOCIAL NETWORK



Jul

Aug

Sep

Oct

Nov

Dec

Together

Even more further

Eco-friendly Bio-climatic Green-Building: Coverd offers technologies and solutions following this philosophy, well established in the Italian market for 30 years, by offering innovative products and systems for the thermal and acoustic insulation. Today we want to share this experience with the European partners, to face new business opportunities, together... even more further.

Coverd, a company made up of people who for 30 years have given, with their passion, an important contribution to the development of technologies for thermal, acoustic and bioclimatic insulation able to improve the housing wellness, and that, through their ideals, have built an extraordinary success, anticipating the market thanks to the promotion of solutions in full compliance with environmental problems.

Green building: Coverd philosophy



References

Coverd worked for

Torri Faro (Genoa)
Ex-Motta area (Milan)
Ericsson (Rome)
Grand Hotel Tremezzo (Como)
ST Microelectronic Agrate Brianza (Monza and Brianza)
Bracco (Milan)
Villa Olmo – (Como)
Mitutoyo – Lainate (Milan)
Palalido – (Milan)
Duomo Museum (Milan)
Verdi Conservatory (Milan)
ImmobiliarEuropea Santa Gilla (Cagliari)
Marinagri (Policoro)
Continental (Milan)
Alcatel Vimercate (Monza e Brianza)
Hannover Fair offices (Milan)
Engineering school (Milan)
University (Enna)
San Rafael University (Milan)
University (Pavia)
LifeGate (Milan)
Touring Club Italy (Camerota)
Perkinelmer Italy (Monza and Brianza)
IHI Cernusco Lombardone (Lecco)
Municipality (Milan)
Interpool (Rome)
International School (Genoa)
MTV (Milan)
Sesto San Giovanni Cooperative Credit Bank (Milan)
San Carlo boarding school (Milan)
Leone XIII boarding school (Milan)
Villoresi boarding school (Monza and Brianza)
Coop Supermarkets
Esselunga Supermarkets
RCS Rizzoli (Milan)
Niguarda Hospital (Milan)
Du Pont (Cavenago)
Sentinel (Milan)
EnelPower Ostiglia (Mantua)

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Applied technology of natural cork
for acoustic and bioclimatic insulation.

Acoustic Division - Energy Division



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