BUILDING COMPANIES FOR EXPO 2015



TRIVELLA S.R.L.

Data

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Revenues: Between 10 and 20 million euros NACE code: n. 43.39.09 - Other building completion and finishing

Registration number CASSA EDILE: 34197

SOA Categories: cat. OG1 class VI, cat. OG2 class V, cat. OS6 class V, cat. OS7 class IV-BIS, cat. OS8 class II ISO Certifications: ISO 9001 n. 07-1421

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Keyword

Claddings Construction Energy saving Exterior insulation finishing system **Finishes** Installation Intervention Maintenance Masonry Near Zero Energy Building (NZEB) Painting Reclamation Refurbishment **Reinforced concrete** Roofs Stucco facing **Sustainability** Thermal insulation

LAST BEST WORKS



Rodano (MI) - Customer: Trivella s.p.a.

New residential complex entirely designed and built using state of the art environment friendly and resource saving techniques. The whole project implied a synergy with the territory and its resources by optimizing and reducing their consumption and protecting their morphological and landscape peculiarities. Highly thermal insulated masonry and coating, insulated and ventilated covering and attics, low emission and highly insulated doors and windows, greenhouses, photovoltaic panels, geothermal power, water recycling, co-housing.

Milan - Customer: Comune di Milano

Restoration of the tasselled flooring and stone plates of the Galleria Vittorio Emanuele, the nineteenth century salotto of downtown Milan. The project included the structural reinforcing and conservative restoring of more than 5.000 m² of finishes by means of more than 50.000 man hours, although the whole area and the several stores were always open to the public and customers. The nineteenth century tassels, decorations, wrought metal rosettes and stone plates – damaged during the bombing of second world war and afterward rebuilt – were attentively remade using original techniques and materials. The works were preceded by careful diagnostic analyses in order to use the most appropriate products.





San Donato M. (MI) - Customer: Condominio Le Torri Lombarde

Energetic requalification and renewal of the external facades of a contemporary residential complex in suburban Milan, showing a low design and executive quality. Built towards the end of the nineties with reinforced concrete structures, ready-made panels and stone plates, bricks and plaster, it was largely damaged particularly on its facades and roofing with more than 20% superficial finishes coming off.

The whole recovery of the surfaces made a general energetic requalification possible, by applying a highly performing casing thermal insulation. The cost/benefit analysis for a surface of about 5.400 m² assesses a saving on heating costs of about 10,500 € per year, which allows writing off the whole investment in less than 6 years.

Biella - Customer: Comune di Biella

Remodeling of a pre-industrial building into a public residential project. The former Conceria Magliola-Bersano was founded in 1820 and consisted in five buildings standing around two square courtyards. The impressive brick chimney stack of the main building was kept. The work included as well an experimental plan of power and environment qualities optimizing, in order to reduce resources consumption and environmental impact and get to better indoor comfort. The complex was provided with highly thermal insulating low-emission glass surfaces, highly performing solar power collectors and photovoltaic panels, a rainwater collecting plant for irrigating and toilet flushing uses. The waste materials were treated on the worksite and reused as ground aggregate.





Milan - Customer: Condominio via Piero della Francesca 54

Esthetic and energetic requalification of a modern residential building. It is a typical case of a rather high quality building fully fit for today housing necessities, though obsolete as to the present environmental law requirements of resources saving and pollution emission reduction. The maintenance works gave way to indispensable energetic requalification interventions. The damaged traditional plasters were replaced by similar coatings, which improved the masonry thermal insulation together with indoor comfort and energetic saving. The enamel ceramic of the main facade was specifically treated with an innovative coating of clinker tiles of the right esthetic and energetic value.