

Giano® the insulated facade combining ecology with economy

LATTONEDIL MILANO @
Milan Design Week - Superdesign show - Superstudio Più Milano.

Milan's design week puts Lattonedil in the spotlight.

Giano is a new development in wall coverings, an ideal solution combining versatility, functionality and design. The production range boasts a high innovative content and a fashionable look. Lattonedil will appear at Superstudio Più for the first time to present what the company loves to define as the innovative solution par excellence. Giano is the latest development in the union between technological know-how and the excellence offered by porcelain stoneware finishes.

Giano® the ideal solution combining ecology with economy.

Giano® combines the characteristics of an insulated panel, in mineral wool or glass fibre, with the technical performance and appearance of large, thin sheets of porcelain stoneware (up to 3000 x 1000 mm in size and just 3 mm thick). Giano® gives designers the option to create shells, entire constructions, which offer the perfect balance of versatility, functionality and design.

Always attentive to the needs of its customers, Lattonedil Milano analyses the demands of the market thanks to its ability to listen and its knowledge of building technology. Its dedication and expertise are widely acknowledged. So much so that Lattonedil now represents a point of reference for research and development within the construction industry, areas to which Lattonedil has dedicated an entire research and development centre in Cantù, a site that is home to important and delicate production lines.

Lattonedil Milano has secured a position of considerable importance in the market and guarantees continuous innovation and competitiveness thanks to the solutions proposed in almost 50 years of operation and the presence of seven European production sites located in Italy, Germany and Spain.

Press Office:
Stefano Clerici
stefano.clerici@lattonedil.it

Giano® the insulated facade combining ecology with economy

Giano® gives designers the option to create shells that offer the perfect balance of versatility, functionality and design.

Giano® is composed of an insulating panel with an Aluzinc surface, available with:

- polyurethane insulation
- polyisocyanurate insulation
- glass wool insulation
- mineral fibre insulation

The insulating panel is
Bonded with adhesive to
A porcelain stoneware
Slab available in various
Finishes.
Modularity in height 1000 mm.

Giano covering for a new or existing wall:

- on a steel structure
- on a reinforced concrete structure
- on a timber structure

Giano® ventilated system:

- for walls
- for roof coverings

Giano® the insulated facade combining ecology with economy

The giano® panel is finished with a laminam® porcelain stoneware slab, made by wet milling raw materials such as clay and granitic and metamorphic rocks containing feldspars and ceramic pigments.

Compacted in a compactor using special moulds and sintered at 1200°c with hybrid firing. Square edged single gauge.

Resistance to chemical attacks

The external facing of giano® resists against organic and inorganic solvents, disinfectants and detergents. It is extremely easy to clean without affecting the characteristics of the surface. The only product capable of attacking this is hydrofluoric acid.

Resistance to wear

The external facing of giano® is resistant to scratches and deep abrasion. This means that its properties remain unaltered even after extensive use and frequent cleaning.

High resistance to bending

The external facing of giano® has a high modulus of rupture.

Frost resistance

Thanks to an average water absorption rate equal to 0.1%, the external facing of giano® is frost resistant and adapts to all climate conditions.

Fire resistance

The external facing of giano® does not contain organic materials and is therefore resistant to fire and high temperatures.

It does not emit smoke or toxic substances in the event of fire.

Chromatic properties

Free from organic pigments, the external facing of giano® resists the effects of uv rays. Colours remain unaltered, even when subjected to variations in the weather Conditions.

Eco-compatibility and recyclability

The external facing of giano® is laminate porcelain, it does not release elements into the environment and it can easily be ground down and fully recycled in other production processes.

Graffiti proof

The external facing of giano® is the first graffitiproof ceramic surface. It is easy to clean and cannot be attacked even by the toughest of paints.



Lattonedil s.p.a. Milano
produzione pannelli metallici coibentati
per coperture e pareti
Via degli Artigiani, 14 - 22060 Carimate | Co | Italy
Tel. +39 031 791377 www.lattonedil.it - info@lattonedil.it

Giano catalogue on site: www.lattonedil.it



http://www.lattonedil.it/storage/files/Prodotti/IT/DEP_GIANO_ITA_FRA.pdf