Construction catalogue
Sogimi S.p.A. has been operating in Italy in the field of conversion and distribution of foam and compact plastic materials since way back in 1951. Today, it is present in Italy with 13 companies that ensure capillary product distribution throughout the Italian territory. Each one of the Group’s subsidiaries is equipped with a storage warehouse and modern equipment that is able to convert, based on the submitted technical specifications, both foam and compact products, meeting the customer’s needs in the best way possible.

The *leitmotif* of the Sogimi Group has always been its relationship with the world’s largest manufacturers of foam and contact materials: this connection represents an absolute guarantee of product quality for the final customer. Particularly noteworthy of mention are the partnerships with 3A Composites for the distribution of composite materials such as Dibond, Alucobond, Alucore, and with Sabic, Innovative Plastics™ for the distribution of the well-known Lexan range.

### Activities carried out by Sogimi Group

**Production**
3 plants in Italy and France

**Conversion and Distribution**
13 companies in Italy

**Main reference markets**
Construction
Industry
Visual communication

**Main fields of application of compact materials**
Facade claddings
Clear roofs
Design/Architecture
Solutions for acoustic and thermal insulation
Industry/Transport
Company identities
P.O.P. displays
Signs/Road signs

**Main fields of application of foam materials**
Solutions for acoustic and thermal insulation
Seal gaskets
Vibration-dampers
Filters
Packaging solutions
[Material]
Range of composite panels consisting of two thin aluminium sheets with a polyethylene core (ALUCOBOND PE) or a mineral core (ALUCOBOND Plus and A2).

[Characteristics]
ALUCOBOND is a light yet extremely stiff sheet. Its special multi-layer processing makes the panel exceptionally flat, and grants it a stiffness that is equalled only by significantly heavier materials. Easy to process, its special structure makes it possible to mill on the flat panel the track for all folds and to obtain any curvature. ALUCOBOND is resistant to impacts, and its PVDF paint is exceptionally resistant to the effects of atmospheric agents. From the safety standpoint, the material provides excellent guarantees: the Plus version, with Class B fire rating, complies with the strictest standards on the subject; the PE version is type-approved Class 1 in Italy. The A2 version is available upon request, with fire-prevention class A2 (non flammable).

[Use]
Continuous facades and interior finishes

[Supply conditions]
It is available in many colours, including metallic ones, and in a wide range of special finishes: the Wood Design series (with wooden look), the Anodized Look (with opaque and satin-finish effect), Spectra Colours (9 brilliant colours), natural (which enhances the beauty of natural aluminium) and the extraordinary ALUCOBOND design (with completely customizable finishes).

In short
► Lightness
► Flatness
► Fire-prevention class B (according to standard EN 13501-1)
► Easy to process
► 40 years of success and over 130 million square meters of panels applied throughout the world
Continuous facades and interior finishes
**[Material]**

Dibond is a composite panel made up of two aluminium sheets 0.3 0 mm thick and a polyethylene core.

**[Characteristics]**

Light and extremely flat composite panel.

**[Use]**

The material, perfectly suited for interior finishing applications, offers technicians and designers endless design possibilities. The exclusive shaping technique by means of milling on the back, using disk or end millers, and the manual cold bending allow the panel to take on a three-dimensional shape with complete accuracy and low tooling costs.

DIBOND® It is resistant to atmospheric agents, antistatic, screen-printable, easy to maintain and completely recyclable.

**[Supply conditions]**

The material is supplied in standard sheets or sheets processed according to the customer’s specification. DIBOND® A wide range of finishes and colours is available, which can be combined in a personalized fashion for the two sides of the panel for the most creative freedom: standard colours (matte and shiny), metalized colours (gold and silver), special finishes: Mirror; DIBOND Butlerfinish with brushed steel effect; Decor with wood-like effect ad; DIBOND Stucco, with uneven and embossed surface weft.

Also available in the FR version, with mineral core and classified as “fire-retardant” for applications requiring special protection.

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**in short**

- Exceptional lightness
- Perfect flatness
- Easy to process and shape
- Resistance to atmospheric agents
- Excellent vibration and sound damping properties
- Printable for the highest customization
- Over 20 years of success as confirmation of its quality
Continuous facades and interior finishes
[**Material**]
ALUCORE® is a composite aluminium panel with beehive structure, high rigidity and extremely low weight.

[**Characteristics**]
Unlike traditional beehive panels, the ALUCORE aluminium sheets are coupled to the core through a continuous process using thermoplastic film: this results in important advantages, such as the high quality and completely even surface; the panel offers excellent resistance to delamination compared to panels made using a die.

[**Use**]
Design engineers, architects and designers appreciate and suggest ALUCORE because it combines lightness with excellent carrying capacity of static loads. The use of ALUCORE ensures greater construction simplicity; it is increasingly coupled with marble for continuous facades that combine elegance and lightness.

[**Supply conditions**]
The material is supplied sheets with dimensions of 1250/1500 X 6250 mm, thickness 6/10/15/20/25 mm.

---

**in short**

- Extreme lightness
- High stiffness
- Excellent flatness
- Resistance to atmospheric agents
- Resistant to delamination
- Vibration-damper
- High static load capacity
- Easy to process
- Easy to couple with valuable claddings
Energy savings sheets

[Material]
Solid extruded sheet in polycarbonate.

[Characteristics]
The Lexan® Exell D® Solar Control IR sheet significantly reduces solar transmission, consequently the passage of heat, offering a transparency that is similar to that of glasses. IR sheets are transparent, with a green or light-blue tint that blocks infrared rays, responsible for the heating phenomenon. They come with a 10-year guarantee against yellowing, reduction in light transmission and breaking.

[Use]
The Solar Control IR sheets are perfect for all those applications such as skylights, pedestrian tunnels and roofing requiring good natural lighting and low heat transmission. Used as roofing material for closed environments, they cut down on the greenhouse effect in the rooms below, allowing energy savings in terms of air conditioning and lighting; when used as roofing for open-air environments, they provide a pleasant shade-like effect.

[Supply conditions]
The material is supplied in sheets, with thickness ranging from 3 to 15 mm.

in short

► Heat control
► Crystalline transparency
► Energy savings (on air conditioning and lighting)
► Low weight
► High stiffness
► Hot and cold formability
► Easy to install
► Low flammability
► Protection against UV rays
► Resistance to atmospheric agents
► Ten-year guarantee (against yellowing, loss of light transmission, breaking)
► Self-extinguishing
Energy saving sheets

[Material]
Lexan® Thermoclear® SC IR® is a multi-wall polycarbonate sheet (with beehive structure).

[Characteristics]
A special pigment dissolved in the mix blocks infrared radiation, and consequently heat, while allowing high levels of light to shine through. This is the reason why this sheet, although maintaining the same exceptional characteristics of polycarbonate, contributes to reducing by up to 25% the increase in temperature.

[Use]
Particularly recommended for the glazing of spaces where the effects of heat accumulation due to the action of the rays of the sun need to be reduced, its typical applications are: greenhouses, verandas, skylights, barrel vaults, glazing for roofs of industrial buildings and shopping centres.

[Supply conditions]
The product is usually supplied in sheets with standard dimensions, which can also be cut to measure according to the customer’s drawing.

► Heat control
► High light transmission
► Energy savings (on air conditioning and lighting)
► Low weight
► Excellent stiffness
► Hot and cold formability
► Easy to install
► Low flammability
► Protection against UV rays
► Resistance to atmospheric agents
► Ten-year guarantee (against yellowing, loss of light transmission, breaking)
► Self-extinguishing
Lexan® Thermoclear®

Beehive sheets

[**Material**]
Lexan Thermoclear is a multi-wall sheet in polycarbonate with internal structure subdivided into 5 or 9 walls.

[**Characteristics**]
The most important characteristic of this sheet is its multi-wall structure (5 walls for the 10-mm sheet and 9 walls for the 16-mm sheet), which traps air inside. Thanks to this structure, Lexan Thermoclear is able to offer significantly superior thermal insulation performance compared to traditional sheets: the thermal Ks of the 9-wall sheets are clearly better than those of equivalent sheets but with traditional structures. More over, this material also offers excellent light transmission and ensures very easy processing and installation.

[**Use**]
This material is recommended for applications where the sheet covers or separate heated and/or air conditioned rooms or rooms where it is nevertheless important to limit heat dispersal.

[**Supply conditions**]
The product is usually supplied in sheets with standard dimensions, which can also be cut to measure or according to the customer’s drawing.

---

**in short**

- High thermal insulation
- High light transmission
- Low weight
- Excellent stiffness
- Hot and cold formability
- Easy processing and installation
- Low flammability
- Protection against UV rays on both sides
- Resistance to atmospheric agents
- Ten-year guarantee (against yellowing, loss of light transmission, breaking)
- Self-extinguishing
Lexan® Thermoclick®

Beehive sheets

[Material]
Lexan Thermoclick is a sheet made of beehive polycarbonate with X structure and male/female connection.

[Characteristics]
It offers all the typical characteristics of polycarbonate sheets, guaranteeing in addition high thermal insulation performance and easier installation thanks to its male/female connection system (which eliminates the need for vertical profiles).

[Use]
It is the ideal glazing material for industrial warehouses, for separating interiors, and as a decorative element.

[Supply conditions]
The product, supplied in sheets with thickness of 40 mm and 50 mm, and width of 500 mm and 1000 mm, is available in a wide range of colours.

in short

- High thermal insulation
- Easy to assembled
- Low installation costs
- High light transmission
- Low weight
- Excellent stiffness
- Hot and cold formability
- Low flammability
- Protection against UV rays
- Resistance to atmospheric agents
- Ten-year guarantee (against yellowing, loss of light transmission, breaking
- Self-extinguishing
Lexan® Margard®

Compact sheets

[Material]
Lexan Margard is a solid polycarbonate sheet the surface of which is treated with an anti-scratch coating.

[Characteristics]
It offers all the characteristics typical of polycarbonate sheets (resistant to UV rays, unbreakable, Class 1 fire rating, cold formability), also ensuring excellence abrasion resistance.

[Use]
It is the ideal product for applications where it is highly likely that the material will be scratched (museums, displays, stores, stadiums, etc.).

[Supply conditions]
The product is usually supplied in sheets with standard dimensions, which can also be cut to measure according to the customer’s drawing.

► Impact resistance
► High abrasion resistance
► Excellent resistance to atmospheric agents and to chemical products
► High degree of light transmission
► Fire-resistance
► Heat stability
► Guaranteed against the loss of light transmission and against breaking
► Self-extinguishing

Roofs, glazings and clear protections

11
**Compact sheets**

**[Material]**
Solid extruded polycarbonate sheets.

**[Characteristics]**
The Lexan® Exell D® sheets are protected on both sides against UV rays and are guaranteed against yellowing, decreased light transmission and breaking. They offer a level of transparency that is equal to glass combined with extremely high resistance to impacts and ageing. They are lighter than glass and allow over 90% of the light to be transmitted. They also allow significant energy savings, can be thermoformed through heat and cold bent.

**[Use]**
The Lexan® Exell D® sheets are widely used in the field of transparent roofs, for bus shelters and pedestrian tunnels.

**[Supply conditions]**
The product is usually supplied in sheets with standard dimensions, which can also be cut to measure according to the customer’s drawing.

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**in short**

► Low weight
► Outstanding transparency
► High impact resistance
► Cold formability
► Protection against UV rays on both sides
► Excellent acoustic insulation
► High thermal insulation
► Guaranteed against the loss of light transmission and against breaking
► Self-extinguishing
Compact sheets

[Material]
Sheets in polymethyl methacrylate, commonly known as “acrylic”.

[Characteristics]
Acrylic sheets offer excellent optical properties and are easy to process (cutting, drilling, printing, vacuum forming, cold bending). They are highly resistant to atmospheric agents and lightweight, and they offer excellent heat stability and good resistance to commonly used chemical products. The PMMA is made by extrusion or casting; the result is represented by sheets with different characteristics in terms of transparency and dimensional regularity.

[Use]
This material can be used for interior or finishing applications, as a dividing element, for the production of signs and store signs, as well as for protections of architectonic elements such as balconies, bus shelters, balustrades, etc.

[Supply conditions]
The product is supplied in cast or extruded sheets, with thickness that ranges from 3 mm up to 60 mm. It can also be supplied cut to measure or processed according to the customer’s specifications.

in short

- Transparency
- Lightness
- High optical properties
- Heat stability
- Resistance to atmospheric agents
- Easy to process
[Material]
Tecnodeck® is a floor slat made of wood and thermoplastic material (WPC – Wood Plastic Composite).

[Characteristics]
This slat is an alternative to traditional wood that lasts a very long time and requires no maintenance or surface treatments. Made in part with recycled materials, it does not splinter, it is not subject to attack by fungi or insects and it is easy to clean.

[Use]
It is the ideal product for outdoor floors, such as pool decks, terraces, gardens, fitness centres, SPAs, and footboards for bars and restaurants.

[Supply conditions]
The product is supplied in standard slats which can also be cut to measure. Available in a warm range of hues (sand brown, tropical brown, vulcan black, Colorado red), they are completed by a wide range of accessories for assembly and personalization purposes (invisible clips, closing plugs, LEDs, etc).

 ► Resistant to humidity and salt water
 ► Resistant to wear
 ► Colour stability (anti-UV rays treatment)
 ► High dimensional stability
 ► Requires no surface treatments
 ► Easy to assemble
 ► Anti-skid surface
 ► Free of substances that are harmful to man or to the environment
 ► Excellence resistance to temperatures (-40° + 60°)
Outdoor floors
[**Material**]
Complete range of composites for acoustic insulation featuring a layer of polyethylene with a sphere-like pattern.

[**Characteristics**]
The spheres that characterize the fonosphera coating layer entail a dot-like contact with the surfaces, with a consequent reduction in the transmission of vibrations. Fonosphera has a “spring-like effect” when laminated to rigid panels, thus optimizing acoustic insulation performances and preventing the onset of any acoustic bridges during the assembly phase.

The product is slim and lightweight, and contains no additional adhesives which may cause its deterioration over time. Fonosphera is a valid alternative to materials coupled with lead and bituminous masses, and it is available in the following versions:

- XB – fire rated Class E;
- SF51 – C-s2-d0 fire certified;
- XB-20 TNT – coupled to polyester fibre protected by non-woven-fabric, water-repellent;
- XB-10 AL – coupled to polyester fibre protected with an aluminium film, MED-certified (Rina).

[**Use**]
Fonosphera is especially recommended for airborne acoustic insulation, for damping vibrations on metal and fibreglass structures, plastic laminates, plywood and plasterboard.

[**Supply conditions**]
The product is usually supplied in rolls, including with adhesive, with dimensions of 1x10 m.

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**in short**

- High acoustic insulation
- Excellent damping of vibrations and resonances
- Highly flexible
- Easy and quick installation (consequently lower costs)
- Lightweight and slim
- Easily workable on non-flat surfaces
- Long-lasting
- Certified product
**Material**
Melamine foam.

**Characteristics**
Fonitek® panels combine excellent acoustic absorption performance with high thermal insulation capacity. Fire rated Class 1 (type-approved by the Italian Ministry of the Interior), they are extremely light (11 kg/m³) and resistant to temperatures.

**Use**
Fonitek panels are used to solve acoustic correction problems in both residential and industrial buildings, and they can be used anytime great attention needs to be paid to prevent the risk of fire. Thanks to the wide range of available shapes, they allow different types of assembly for easy and fast installation.

**Supply conditions**
The Fonitek panels are available in a wide range of shapes and dimensions.

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**in short**
- High acoustic absorption
- Soundproofing
- Self-extinguishing
- Light
- Easy to assemble
- Can be coupled to masses and claddings
[Material]
Sound-absorbing and soundproofing closed-cell foam made with low-density polyethylene foam.

[Characteristics]
Ethafoam Whisper is a completely innovative solution in the field of acoustic correction. The characteristics that make it an ideal alternative to traditional materials used for acoustic insulation are its closed-cell structure that allows it to be washed with water and the possibility to be used outdoors, fire certification according to European standard UNI EN 13501 in Class B (Ethafoam Whisper is also certified in Class B1 - DIN 4102, UL94 HF1 to F1 for fumes), self-supporting, impact resistance and pleasant finish that allows it to be left exposed. Ethafoam Whisper can be sectioned, cut, stratified, laminated, and profiled as needed. Resistant to most chemical agents, its acoustic performance does not change over time.

[Use]
Ethafoam Whisper is the ideal material for the acoustic (and thermal) correction of public buildings, canteens, gyms, pools, classrooms, rifle ranges, housings, partitioning walls, machine rooms and workplaces in general. Suitable for installation in damp environments and in the presence of water.

[Supply conditions]
Ethafoam Whisper is available in sheets with dimensions of 1000x2400 mm, thickness 30/40/50 mm, in white and black.
[Materiale]
System of panels for the acoustic correction of interiors consisting of ETHAFOAM WHISPER and frame with relevant fixing in DIBOND FR.

[Characteristics]
The fonostile system combines the high technical performance of ETHAFOAM WHISPER and the pleasant look of DIBOND, one of the materials mostly appreciated for interior finishing applications. Fire classified b-s2-d0, fono stile is washable, does not absorb odours, dust or humidity.

[Use]
The fonostile panels can be applied to ceilings and/or walls, stuck to the surface, leaving a gap of 10, 20 cm, tilted at an angle of 25° or positioned edge on. They are extremely simple to install, thanks to the handy coupling/uncoupling mechanism.

The fonostile system is perfect for improving the acoustic comfort (reduced reverberation times and optimised listening quality) of public places, such as restaurants, bars, discotheques, canteens, offices and open spaces, classrooms, laboratories and technical rooms, etc.

[Supply conditions]
The Fonostile® range includes:
- square panels, 670x670 and 900x900 mm
- rectangular panels, 670x1326 and 900x1326 mm
- “septum” panels for “edge on” installation, 250x1326 and 330x1326 mm

in short
► Comfort acustico
► Applicabilità a soffitto e/o parete
► Facilità di installazione
► Versatilità di applicazione
► Possibilità di personalizzazione
► Non assorbe acqua, polvere, odori; lavabile
► Classe b-s2-d0 al fuoco
[Material]
Closed-cell foam rubber.

[Caratteristiche]
The Aerstop rubber, waterproof and inalterable, ensure perfect tightness under all conditions of use. They are resistant to temperatures, acids and chemical agents.

[Utilizzo]
Widely used in all construction sectors as gaskets or profiles, they keep out water, air and dust. Aerstop® has optimal thermal and acoustic insulation properties, and it is also an excellent light vibration-damping material.

[Condizioni di Fornitura]
All products of the Aerstop range can be supplied in pieces of any shape or dimension, for both small and large production runs. The Aerstop® range offers a wide choice of quality, including a self-adhesive version, that can meet the most disparate needs. Thanks to the flexibility of the production systems, Aerstop® is made from time to time according to specific drawing with extremely low tooling costs. In standard profiles, on the other hand, Aerstop® is supplied already packaged in individual rolls or in handy industrial reels.

in short
- High insulation (against water, air, dust)
- Thermal insulation
- Acoustic insulation
- Vibration-damping properties
- Waterproof
- Extremely resistant to chemical agents
- High resistance to temperatures
- Easily customizable profiles
[Material]
Closed-cell polyethylene foam.

[Characteristics]
Light, elastic, waterproof, does not absorb water or humidity and has excellent chemical resistance.

[Use]
Polyethylene foams are excellent thermal (and acoustic) insulation materials that are widely used in the construction sector. The range of available densities and qualities allows customers to always choose the type of material suited to their specific needs. The round-shaped PE41 represents the ideal solution for sealing problems of prefabricated panels and dilation joints.

[Supply conditions]
It can be supplied in rolls (including with adhesive) coupled to other materials, in sheets or profiles based on the customer’s specific needs.

—in short

- Thermal (and acoustic) insulation
- Lightness
- Elasticity
- Waterproof
- Wide range of densities and qualities
[Material]
Closed-cell polyethylene foam (expansion process using pure, high-pressure nitrogen).

[Features]
Foam material that offers exceptional uniformity in terms of density, cellular dimension and colour intensity. Resistant to water and to chemical agents, it is available with density ranging from 15 to 120 kg/m³. There are also versions for conductive use and for dissipation of static electricity. Lightweight, flexible, elastic, waterproof, anti-mould and odourless, Plastazote is completely non-toxic.

[Utilization]
Although it provides excellent thermal insulation, it is more often used to make end parts for panels of prefabricated roofs, sparrow guards, as thermal-acoustic insulation and for the purpose of keeping animals out and preventing the passage of air, water and dust.

[Conditions of Supply]
Plastazote is supplied in sheets, with adhesive or regular profile. It can also be supplied according to customer specifications, die-punched or processed by means of a pantograph.
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