

 **PLANEFIBRA®**

VENTILATION
SYSTEM / INDUSTRIAL
SHUTTERS





VENTILATION SYSTEM / INDUSTRIAL SHUTTERS

PLANEFIBRA, **FAST AND PRACTICAL ASSEMBLING**

Environments with unique structures also require special materials and finishes, which can best fit the project's architecture.

Our shutters **can be developed according to your project needs**, allowing you to have **exclusive products adapted to your design**, making it even more sustainable.

Shutters and natural ventilation systems **provide good air circulation and allow sunlight** to penetrate, being a smart way to use renewable natural resources: sunlight and air. Your environment becomes more pleasant and healthy, and **energy consumption is reduced**, generating savings and **investment return in a few months**.



SUPERIOR QUALITY

Each Planefibra product goes through **strict quality control tests**, which guarantees more **precision in the material's composition, temperature control, and uniform distribution of thickness throughout the whole panel**.

Materials may be selected by the client according to preference. This way they can be better suited for your design and also for the weather in the area where they will be installed.

FEATURES

- ✓ **Naturally lit and ventilated environments.**
- ✓ **Easy to install and maintain.**
- ✓ **Allows for a healthier and more pleasant environment**, due to a **better wind flow**.
- ✓ **Conscious use of natural and renewable resources**, avoiding impacts on the environment.
- ✓ **Short term investment return**, due to the considerable energy savings.
- ✓ Products that fulfill the required specifications, **maintaining the building aesthetics** and allowing more **sustainability to your project**.
- ✓ **Well suited for different environments**, such as sports centers, industrial and logistical warehouses.
- ✓ Besides offering excellent finishing, through different materials, it **maintains your environment safe and protected**.
- ✓ Products **manufactured for the size of your project**, avoiding wastes and leftovers.

THEY ARE DELIVERED IN MOUNTED FRAMES, WHICH MAKES ASSEMBLING QUICK AND EASY. OUR SHUTTERS ARE SAFE AGAINST INFILTRATIONS, AND COULD BE USED IN DIFFERENT TYPES OF CONSTRUCTION.

INSTALLATION



MANY OPTIONS

STRUCTURE

Galvanized steel / Aluminum / Steel.

FINS

They can be manufactured in fiberglass-reinforced polyester (FRP), which is the best option, since it is a thermoset engineering material. They could also be provided in PVC, galvanized steel, and aluminum, with the colors the client chooses.

FINISHINGS

Natural, pre-painted or post-painted.

WE MANUFACTURE SHUTTERS WITH MATERIALS WITH UNIQUE COLORS AND COMPOSITIONS, TO GUARANTEE THE IDEAL PRODUCT FOR YOUR STRUCTURE.

PERSONALIZED SERVICE

Above all, we are experts in this business.

After all, it is your project's roof that we are talking about.

Focused on the construction and industry sectors, through the vast experience acquired over the years and a team of specialized professionals, Planefibra always **develops its products to meet a demanding market in the roofing segment.**

We specialize in roofing products made of fiberglass-reinforced polyester, FRP, and it is our commitment to excel in panel manufacturing and in all the services we offer.

Our engineering and project departments offer technical support to our clients, so they could choose the best roofing or ventilation system alternatives for their projects.

OUR WORK METHOD

- ✓ Engineering department assistance as needed.
- ✓ After the digital projects are available, analyze them to determine the needs and application of products.
- ✓ Calculate the total cost of Planefibra products that will be used in the project.
- ✓ Prepare a lighting design and its consequent versatility (investment return, suitable products, exclusive solutions).
- ✓ Identify the right product for the roofing or ventilation system.
- ✓ Provide technical information on storage and material handling.
- ✓ Product certification and/or compliance with the applicable codes.
- ✓ Specified product assembling project in exclusive projects.



PLANEFIBRA, YOU CAN COUNT ON US!

- ✓ Production line with efficient methods and trained and experienced professionals.
- ✓ Special service and guaranteed scheduled delivery.
- ✓ High-quality material, focusing on more resistant and long-lasting products.
- ✓ Full compliance with the NBR 16753 code.
Our panels are the only ones on the market that have a polyester film with UV protection on both sides as a standard finish.
- ✓ Projects that seek a short-term return on your investment – Termoplan® Continuous Vaults.
- ✓ Natural lighting solutions for zipped metal roofs.
- ✓ Roofs designed for aggressive environments or places with corrosive products.
- ✓ Flame resistant products, tested in accordance with NBR 9442, ASTM E662 and IT 10/2011 - Class II-A | UL 94/97
- ✓ Ventilation systems / Industrial shutters.
- ✓ Your best option for road sign making, meeting the NBR 13.275:2013 code.
- ✓ Products offered in traditional colors, natural transparent and opaque white, as well as color pigmentation options, with the possibility of creating different shades to suit specific projects.
- ✓ We manufacture practically all models of panels in the market, whether you are replacing old roofs or making new building projects.

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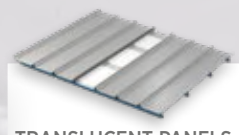
OUR PRODUCTS



TRANSLUCENT ROOFING PANELS



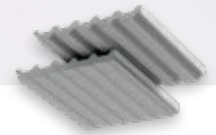
TERMOPLAN® CONTINUOUS VAULT



TRANSLUCENT PANELS FOR ZIPPED METAL ROOFING



CORROSION RESISTANT ROOFING PANELS



FRP PANEL/TRAY TO COMPOSE THERMOACOUSTIC PANELS



#RC FIRE RESISTANT



PANELS FOR PERGOLAS




VENTILATION SYSTEM / INDUSTRIAL SHUTTERS



VERTICAL ROAD SIGNS



planefibra.com.br  @planefibra

+55 (47) 3203-4700 . comercial@planefibra.com.br
Av. dos Imigrantes, 1770 . Bairro Brasília . CEP 89282-685
São Bento do Sul . SC