

COLLECTION



AIR-BOARD® UV PC



AIR-BOARD® UV SATIN OPAL



CLEAR-PEP® UV PC



CLEAR-PEP® UV PC ORANGE

In addition to these stock items – and in line with our 'Design your Composite' mission – we offer many different surface sheets, dimensions, core structures, colours and material combinations with specific properties.

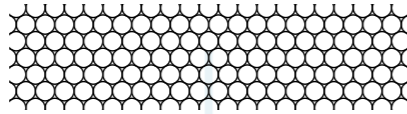
DESIGN YOUR COMPOSITE

1. CHOOSE FROM VARIOUS FACINGS

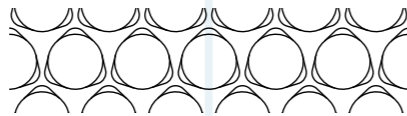
polycarbonate / acrylic



2. CHOOSE FROM VARIOUS CORES



AIR-board® | clear-PEP®

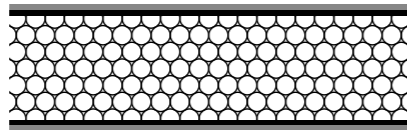


3. LAMINATION / BONDING

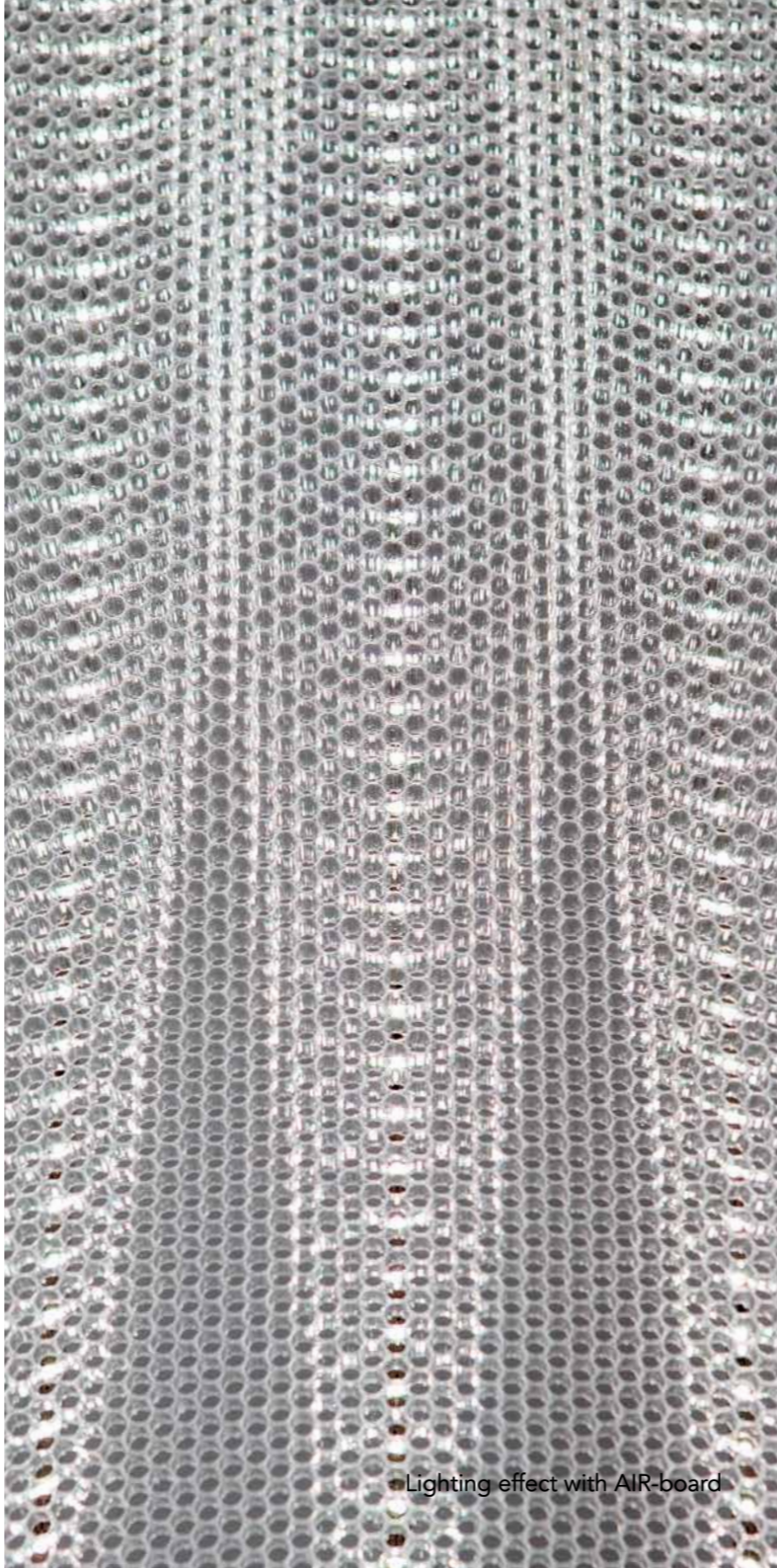
60+ years
know how



4. YOUR COMPOSITE PANEL



What will be the application of your composite panel? The facing and core of your choice might limit or extend your options. Feel free to contact your Premium Panels representative.



Lighting effect with AIR-board

OTHER PREMIUM PANELS PRODUCTS:

LUXFACE



STONINI



STACK PANEL



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Design Composite collection



PREMIUM
PANELS

www.premium-panels.com



PREMIUM PANELS

Philosophy

In this modern world, people are becoming more and more conscientious about their environment and value the benefits of doing positive things for the future. This is reflected in what is expected of the spaces they are living in: an environment with 'touchable' materials, which inspire warmth and comfort, offer solutions to individual or group needs and take care about the environment and health.

At the same time, just because you want your space to be efficient, sustainable, healthy and comfortable, does not mean that it cannot be innovative and beautiful.

It goes without saying: if you want to create a truly stylish atmosphere, putting the right decoration on your walls will make all the difference.

We found there is a need to find eco-conscious design products to higher levels of quality, luxury and sophistication: high class products with a message!

Premium Panels, your choice

We, Premium Panels, have more than 20 years experience in interior projects & design and are constantly developing our portfolio with high class interior design products. Our products are all handmade and recognized as eco-friendly.

As projects today require both affordable products which are easy to use and products which can satisfy the individual, we have chosen to offer products which are a blend of both high class aesthetic and technical elements.

We believe that our collections of Design Composite, Stack Panel, Stonini and Luxface will enable architects and interior designers to create a favorable technical solution and also reply to the individual wishes of the end customer.

Premium Panels, our mission

Delivering a project these days is all about connecting companies, products and people.

We, Premium Panels, want to understand where, why, when, and by whom our products will be used. We are interested in the idea behind your project, this in order to assure that there will be a match with the idea behind the product.

Convince yourself and check our collections on our website: www.premium-panels.com.

Premium Panels, your service

Throughout Europe we work with a network of product specialists: your Premium Panels commercial representative or agent. Please do not hesitate to get in touch with your personal contact through our headquarters, based in The Netherlands.

Your Premium Panels team

DESIGN COMPOSITE

Translucent design panels

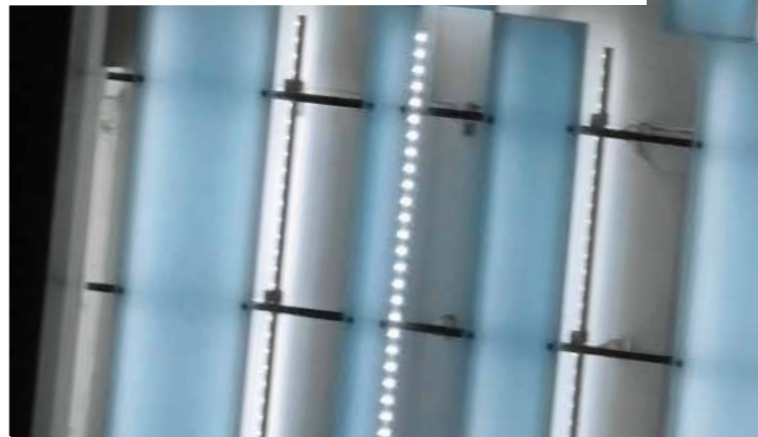
What is the difference between *translucent* and *transparent*? *Transparent* means *clear*, while *translucent* is a synonym for *semitransparent*. Our exclusive translucent design panels with honeycombs give you the opportunity to play with light and at the same time diffuse who or what is on the opposite side.

The bonding of different high-tech materials leads to new sandwich elements. Illuminated or backlit, attractive light effects are created by the transparent honeycomb structure in the core of the panels.

These panels – with a polycarbonate or acrylic facing – are primarily used as decorative elements in interior and exterior areas. From the visually pleasing partition wall in the office to sophisticated shop designs, the possibilities are endless.

The panels are characterized by a high degree of flexibility and individualization options. Numerous compositions can be designed with colour, surface, core, shape and special effects.

Printed panels are also possible as well as shaping or special edge banding.



KEY APPLICATIONS

- Architecture, retail and exhibition
- Lighting concepts
- Flooring / stairs
- (Partition) walls
- Furniture
- Ceilings
- Displays
- Illuminated advertising
- Exterior: balcony panels, sun screens, canopies, cladding and roofing

KEY FEATURES

- Longterm performance
- Lightweight
- Translucent
- 3D effects and light scattering
- Strong and stable
- Various facings and cores
- Sealed edges
- Excellent bending stiffness
- Fire-retardant (selected options)
- Weather and UV-resistant
- Customized panels
- Easy installation
- Compatible with standard fixing systems
- System solutions for (partition) walls, doors and shading.
- High impact and shock-resistant.

SPECIFICATIONS

Please find below the most important technical characteristics. Should you require more detailed information about the Design Composite products or the installation of it, do not hesitate to contact your Premium Panels specialist.

General description	High-quality translucent design panels
Facings	Polycarbonate / acrylic
Honeycomb cores	clear-PEP® AIR-board® (cell Ø: 7 mm) big AIR-board® (cell Ø: 12 mm) chaos AIR-board® (cell Ø: 4-7-12 mm)
Finishes	Clear / satin. Printed or coated
Sizes	Clear facings: 3,020 x 1,220 mm Other: 3,020 x 1,000 mm Custom made dimensions on demand
Thickness	Standard: 19 mm (except flooring: 40 mm) clear-PEP®: 12 – 40 mm AIR-board®: 12 – 30 mm
Weight	clear-PEP®: 8,5 – 10,8 kg/m ² AIR-board®: 5,9 – 8,0 kg/m ²
Edges	None / special edge sealing options available for interior and exterior usage
Installation	Depending on the application
Additional qualities	Moldable - UV-resistant - fire-retardant