



PERFORMANCE POWER FOR YOUR FAÇADE

Why ALPOLIC™ composite panels are the best choice for you and your project.

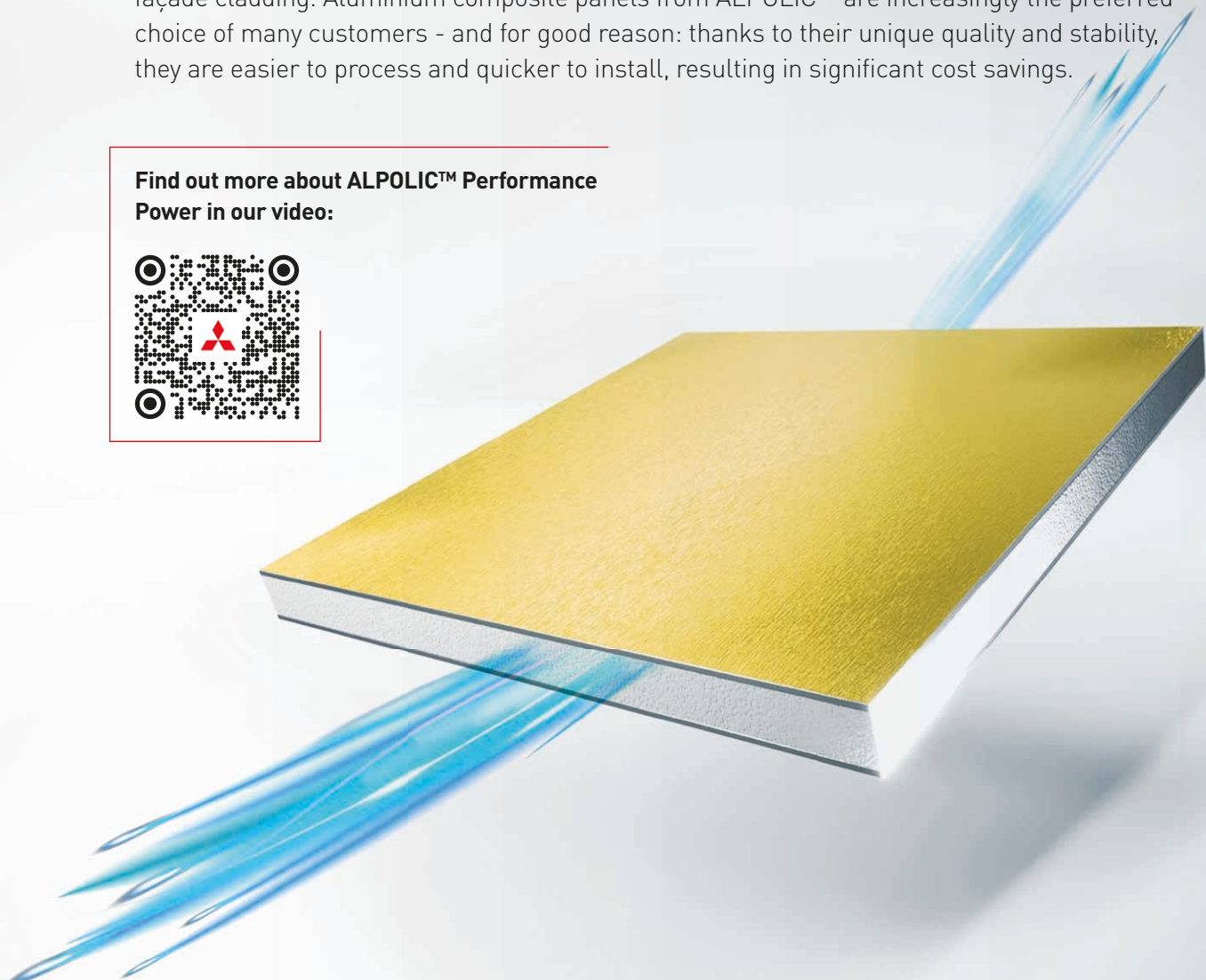


MORE QUALITY. LESS COST.

Discover the ALPOLIC™ Performance Power!

Considering the material costs alone is one of the most common mistakes when selecting aluminium composite panels. In fact, many other factors play a decisive role in the overall cost, in particular the time and effort required for the subsequent processing and installation of the façade cladding. Aluminium composite panels from ALPOLIC™ are increasingly the preferred choice of many customers - and for good reason: thanks to their unique quality and stability, they are easier to process and quicker to install, resulting in significant cost savings.

Find out more about ALPOLIC™ Performance Power in our video:



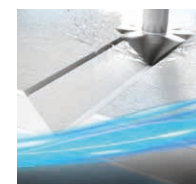
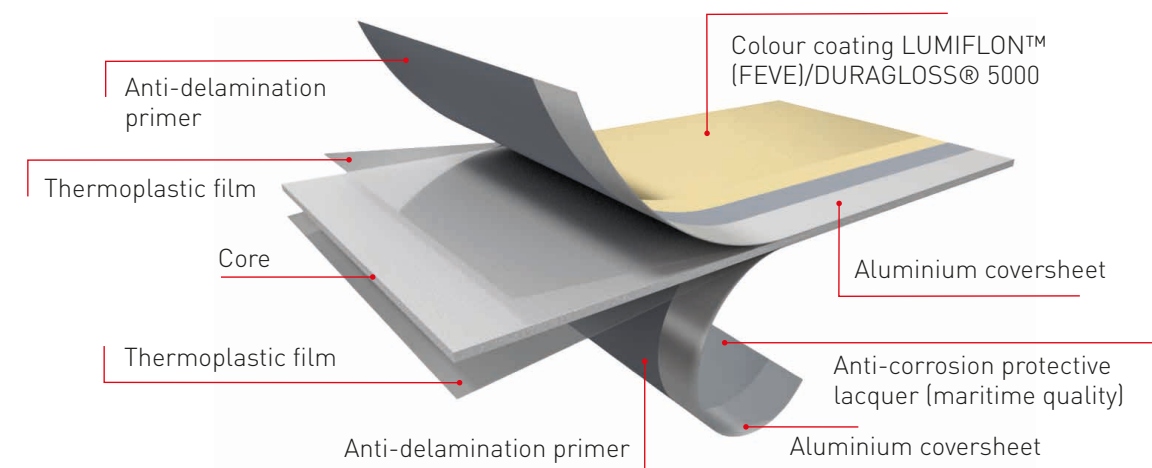
Discover the benefits
of ALPOLIC™ for your project!
Opt for more quality, more service,
more choice and lower costs!



PRODUCT PERFORMANCE: UNIQUE PRODUCT STABILITY SETS STANDARDS IN THE MARKET.

The special composition of the core material in combination with our unique fusion process of aluminium and core makes ALPOLIC™ composite panels so superior. This core competence forms the basis for the unsurpassed rigidity of our aluminium composite panels on the market. Tests prove it: ALPOLIC™ is up to 40% more stable than comparable products from other suppliers. In addition, our composite panels have a high-quality coating and an additional anti-corrosion coating, making them ideal for use in maritime areas.

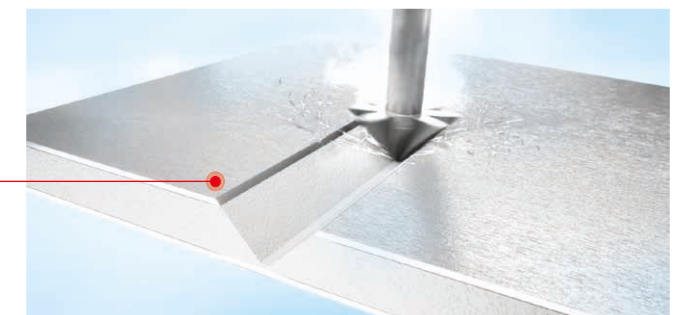
ALPOLIC™ means: simple processing, cost-effective installation and a long service life.



PROCESSING PERFORMANCE: PRECISE CUT EDGES, EASY BENDING AND EDGING.

Thanks to the ALPOLIC™ production technology and material combination, the rigidity of our aluminium composite panels is extremely high. Your advantages:

- Even large panel formats can be edged **by just one person**
- **Milling and cutting significantly more precise** and with clean cutting edges
- **Maximum rigidity, even during transport** – no damage to the pre-assembled cassettes, even with large dimensions.

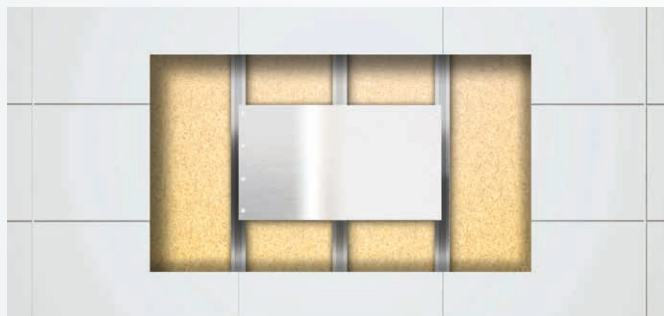




INSTALLATION PERFORMANCE: LESS MATERIAL AND LABOUR REQUIRED FOR INSTALLATION.

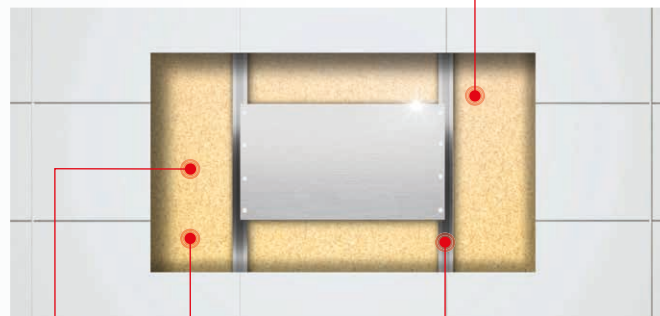
Thanks to the high rigidity of ALPOLIC™, you need far less material for the substructure. This saves you up to 50 % on the substructure and installation time! And all this without compromising the stability of the façade. On the contrary: tests show that ALPOLIC™ can withstand extreme wind loads without deforming significantly.

Standard installation structure ventilated façade



Up to 20 %
less sealing material

Installation structure with ALPOLIC™.



Up to 50 %
less CO₂
emissions

Up to 50 %
less sub-
structure

Up to 50 %
less installation
time

Up to 23 %
energy savings in the building

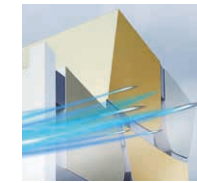
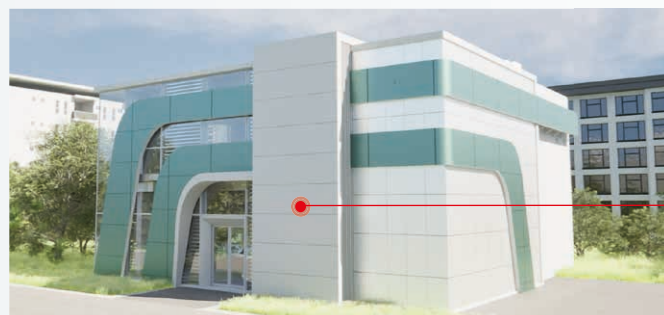


COST PERFORMANCE: ONE OF THE MOST FAVOURABLE PRODUCTS ON THE MARKET.

The unique rigidity of ALPOLIC™ pays off in tangible benefits during installation for you. This results in clear cost advantages:

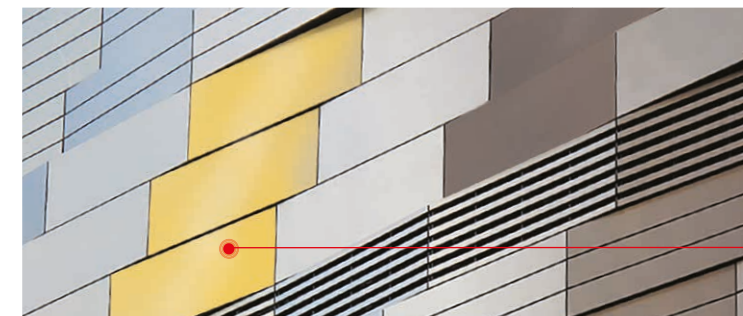
- Significantly less substructure is required for fastening than with other brands.
Savings in material costs: up to €10/m²
- Significant reduction in installation time.
Savings on installation costs: Up to €10/m²
- As less sealing material also needs to be used, ALPOLIC™ results in

Total savings of up to €25/m²!



DESIGN PERFORMANCE: LARGE VARIETY OF UNIQUE SURFACES.

Give your building an unique character - with ALPOLIC™ you can choose from over 200 colours and surface designs. Whether extravagant, decorative, natural or elegant, our range offers almost unlimited design possibilities. You can choose between uni colours, metallic shades, sparkling effects, prismatic nuances and individual decors in various degrees of gloss.



SUSTAINABILITY PERFORMANCE: LOWEST ECOLOGICAL FOOTPRINT.

ALPOLIC™ aluminium composite panels are characterised by a service life of up to 70 years and low maintenance requirements, which makes them clearly superior to other façade materials. In terms of ecological footprint, no other aluminium composite panel releases as little CO₂ as ALPOLIC™.

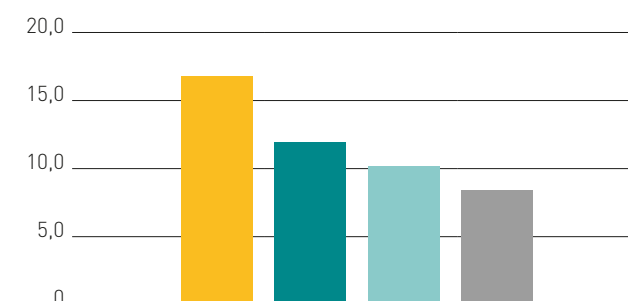
ALPOLIC™ composite panels already have a recycled content of at least 50%, which means that CO₂ emissions during production have been reduced by 40%. Even the waste generated during the production process is

collected and returned to the material cycle. The aluminium is separated from the core material, processed and reused. The FR core material is also recyclable and is reused for the production of new ALPOLIC™ panels.

Our commitment to the environment is also confirmed by EPD certification.



Comparison of global warming potential (GWP) in kg CO₂/m²



■ ALPOLIC™ Standard ■ ALPOLIC™ R75 ■ ALPOLIC™ R85 ■ ALPOLIC™ R95

Discover our
colours:



- **High-quality colour coatings** with DURAGLOSS® 5000 or LUMIFLON™
- Exceptional **durability, colour brilliance and durability against weathering**
- **Quality guarantee** for up to 20 years
- **Anti-corrosion lacquer** ensures corrosion protection even in marine environments
- **Low** maintenance costs
- **Colour consistency** for all product variants
- **Graffiti-resistant**

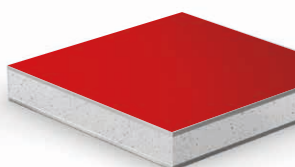


More about ALPOLIC™ sustainability

OUR PRODUCT VARIANTS:

THREE TIMES FULL PERFORMANCE POWER – FIRE PROTECTION INCLUDED.

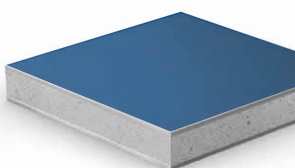
Since 1999, we have been manufacturing exclusively composite panels at three locations worldwide that are at least flame-retardant (B-s1, d0) or have a non-combustible core. We are currently the only manufacturer to offer a non-combustible aluminium composite panel with the highest fire protection classification A1 according to Euroclass. We make no compromises when it comes to safety.



ALPOLIC™ NC/A1

Non-combustible:

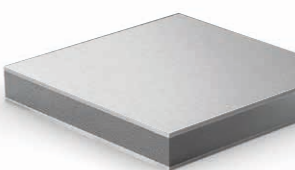
ALPOLIC™ NC/A1 aluminium composite panels with a non-combustible mineral core meet the requirements of EN 13501-1, class A1.



ALPOLIC™ A2

Non-combustible:

ALPOLIC™ A2 aluminium composite panels with a non-combustible mineral core meet the requirements of EN 13501-1, class A2-s1, d0.



ALPOLIC™/fr

Flame-retardant:

Aluminium composite panels with a flame-retardant mineral polymer core meet the requirements of EN 13501-1, class B-s1, d0.

ALPOLIC™ – the world's first address for aluminium composite panels



Recycling

Our materials are almost 100 % recyclable. Even waste from ALPOLIC™ plants is collected and recycled.

Certifications



Trademark of AGC Chemicals, Asahi Glass Co., Ltd.



ALPOLIC™ | MITSUBISHI POLYESTER FILM GmbH

Kasteler Straße 45/E512 | 65203 Wiesbaden, Deutschland

phone: +49 611 962-3482 | fax: +49 611 962-9059 | info-alpolic@mcgc.com | www.alpolic.eu/en

