

Useful Information

Naturally ALUCOBOND®

During the life cycle of ALUCOBOND® composite panels, no substances containing CFC, VOC's are set free at any time. The core material does not contain any nitrogen, chlorine or sulphur. Therefore, selecting ALUCOBOND® for projects which require environmentally friendly materials is a natural choice.

The Rear-Ventilated Façade

During decades of use in a rear-ventilated cladding system, ALUCOBOND® protects the building from weathering and the harmful effects caused by industrial and environmental pollution. Advantages:

- Lower maintenance costs
- Long-term preservation of the building structure

An external cladding system using ALUCOBOND® acts as a barrier against solar radiation. The ventilated space between the ALUCOBOND® panels and the wall or the thermal insulation reduces the heat transmission.

Advantages:

- In winter: savings in heating cost
- In summer: savings in air-conditioning cost

The rear-ventilated cladding system using ALUCOBOND® protects the building's wall from high and rapid temperature changes. Moisture can pass through the wall. The building stays dry.

Advantages:

- Reduction of thermal expansion
- Reduction of crack formation

Environment, Safety and Health

For ALUCOBOND®, effective, continuous environmental protection is a main priority. It is of utmost importance to preserve natural resources in order to ensure a livable tomorrow for future generations. It commits itself to continuous self-improvement programmes for environmental protection, many of which go above and beyond government regulations. It is also in this area that ALUCOBOND® strives to be a leader in its field. 3A Composites were one of the first companies to develop its own environmental management system, which is regularly audited by independent auditors. The successful certification according to EN ISO 14001 speaks for itself.



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Storage / Handling

- ◆ Protect ALUCOBOND® pallets during storage against rain, seeping in of moisture and condensation.
- ◆ Only pallets of identical size should be stacked, with a maximum of 6 pallets stacked on top of each other.
- ◆ Avoid storing the product for more than 6 months, as it may become difficult to remove the protective foil.
- ◆ When stacking the panels, nothing should be placed in between them, as this could produce marks on the panels.

Installation

To avoid possible reflection differences (for metallic, special effect, NaturAL, and spectra colours), it is recommended to install the panels in the same direction as marked on the protective peel-off-foil. Colour variations may occur between panels originating from different production batches. To ensure colour consistency, the total requirement for a project should be placed in one order.

Protective Foil

- ◆ To avoid glue residuals on the surface of the panels due to UV radiation, it is recommended to remove the protective foil as soon as possible after the installation.
- ◆ The protective foils and the panel surfaces must not be marked using ink (marker), adhesive tapes or stickers, as the lacquered surfaces could be damaged by solvents or plasticisers.
- ◆ Make sure to remove the protective foil as soon as possible after installation as prolonged exposure to the elements could make the foil difficult to remove.

Cleaning and Maintenance

The frequency of cleaning depends on the design and the degree of soiling. For further information, please refer to our brochure ALUCOBOND® Processing.

Recycling

ALUCOBOND® can be fully recycled, i.e. both the core material and the aluminium cover sheets can be recycled and used for the production of new material.

Warranty

ALUCOBOND® stands for high quality and longevity. Warranties according to the product specification and approved field of application can be obtained upon request.

