Test methods and certifications

Environmetally friendly material
Reynobond® Architectures, Reynolux® and Reynold® aluminium panels and sheets are the ultimate solutions to provide your building with sustainable products meeting the latest technical requirements, with a wide range of designs and colours. Coming from the same manufacturing plant, the three products can be obtained in identical colours and combined in the same project, from the single-family house to residential, commercial and industrial buildings to large prestige projects. Thanks to their exceptional flatness and corrosion-resistance, Reynobond® aluminium panels and sheets are easy to use and fabricate.

Controlled French manufacturing
Reynolux® Architectures, Reynolux® and Reynold® aluminium panels and sheets are fabricated and coated in France based on 50 years of experience. Coil coating is the most economical, efficient, high-quality and environmentally-friendly method for applying coatings to aluminium panels and sheets.

Commitment to sustainability
Our company’s certifications according to ISO 14001 and ISO 50001 illustrate our voluntary commitment to reduce the impact on the environment at all levels – water, energy, waste and use of resources. Moreover, we develop continuously by improving the coatings in terms of their composition (solvents and pigments), durability, sustainability and cleaning requirements. For further information ask for the EPD, LEED points or our sustainability brochure.

Our fire solutions
Aluminium solutions for facades and roofs cladding
Fire safety in high-rise buildings

Classifications
Reynobond® Architecture, Reynolux® aluminium composite panels with FR or A2 core, Reynolux® aluminium sheets and Reynolux® double sheet aluminium panels are true fire retardant solutions.

Certifications
Reynobond® Architecture aluminium composite panels with FR or A2 core, Reynolux® aluminium sheets and Reynolux® double sheet aluminium panels are true fire retardant solutions.
Fire is a key issue when it comes to buildings. When conceiving a building, it is crucial to choose the adapted products in order to assure the fire to spread to the whole building. Especially when it comes to facades and roofs, the fire can spread extremely rapidly. It is extremely crucial for public establishments such as hospitals, schools, offices, etc.

Buildings are also classified according to their height and destination (public buildings, industrial buildings, housing…). It will also define which materials are to be used. Another important rule when it comes to the height of buildings concerns the accessibility of the fire brigades to the fire in the building; as soon as the building is higher than the fire brigades’ ladders, it has to be conceived with an incombustible material.

It is especially crucial for public establishments such as hospitals, schools, offices, etc. to protect the people and assets while the building is under construction or refurbishment of a building in order to limit fire propagation. It is especially to choose the adapted products in order to prevent the fire to spread to the whole building.

Limit fire propagation

Reynobond® Architecture with FR core is a composite panel consisting of two coated aluminium sheets that are laminated to both sides of a fire-retardant core. It offers numerous advantages: its low weight, small extension, high corrosion and weather resistance make it an outstanding product. Reynobond® Architecture composite panel with FR core is non-combustible, which prevents fires from spreading.

Pre-painted aluminium sheet

Reynolux® is a pre-painted aluminum sheet made through coating. It can be painted with a unique colour variety of coatings. The benefits of Reynolux® pre-painted aluminium are versatile: in addition to its incombustible properties, it is UV and weather resistance. It is also easy to transform and shape.

Fire solutions from Arconic Architectural Products

Advantages of our products

Reynobond® Architecture with FR or A2 core, Reynolux® and Reynodual® aluminium composite panels and sheets represent the ideal material because of several advantages:

- Limit fire propagation
  - Due to the FR or A2 core, the European fire certification EN 13501-1.
  - The fire solutions from Arconic Architectural Products are incombustible.
  - Reynolux® is a pre-painted aluminium sheet made through coating. It can be painted with a unique colour variety of coatings. The benefits of Reynolux® pre-painted aluminium are versatile: in addition to its incombustible properties, it is UV and weather resistance. It is also easy to transform and shape.

- Prevent propagation of fumes
  - Arrowint® Architectural Products is an incombustible material.
  - Limiting fire propagation. It is especially crucial for public establishments such as hospitals, schools, offices, etc.

- Avoid descaling falling
  - There are no descaling falling down, which avoids further spread and harm to people, with a 0-classification according to the European fire certification EN 13501-1.

- Core (FR or A2)
  - Core (FR or A2) prevents the fire from spreading by its nature itself.

- Adhesive
  - Adhesive is a coil-coated double sheet aluminium which is a composite panel consisting of two coated aluminium sheets that are laminated to both sides of a fire-retardant core. It offers numerous advantages: its low weight, small extension, high corrosion and weather resistance make it an outstanding product. Reynobond® Architecture composite panel with FR core is non-combustible, which prevents fires from spreading.

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