

EcoClean™ project: Isbjerg 1 Aarhus | Denmark | Architects: JDS architects (DK, BE), OEBRA (DK), SeARCH (NL), Louis Pallard (FR) | 10,000 m² EcoClean™ facade | Fabricator: Kalzip

WORLD FIRST IN CLADDING CONSTRUCTION!
EcoClean™ – destroys smog and cleans itself!

Reynobond® and Reynolux® claddings

We have the materials
for your boldest plans!



Creative environmental protection

Reynobond® Architecture and Reynolux® Building.

In Reynobond® aluminium composite panels and Reynolux® aluminium sheets, Alcoa Architectural Products manufactures and markets two high-quality product lines for architecture, construction and refurbishing. Reynobond® and Reynolux® are ideal for the renovation of existing buildings and so contribute to reduced energy costs and CO₂ emissions. Reynolux® is suitable for buildings with A2 fire protection classification according to DIN 4102. Here again it stands out for its design versatility and flexible application options.

The company's guiding principle of **excellence in innovation** refers not only to the versatility and functionality of its products, but also to the responsible use of natural resources. Find out more about environmental protection in production and product design, as well as the advantages of our products in building refurbishment in the environment and renovation brochure:

Download it here!



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Reynobond® | Reynolux® with EcoClean™

Cleans itself and the environment.

This product is revolutionizing cladding construction! Reynobond® | Reynolux® with EcoClean™ is the first coated aluminium facade to clean itself and rid the surrounding air of smog.

Environmental protection:

EcoClean™ breaks down dirt on the facade and smog particles in the surrounding air into harmless components. In this way, a 1,000 m² area of EcoClean™ decomposes as much smog as around 80 trees.

Aesthetics:

The cladding cleans itself using sun and rain, staying attractive and clean for a long time.

Economy:

Cleaning and maintenance costs for the cladding are reduced by more than half.

Sustainability:

Aluminium cladding with EcoClean™ is completely recyclable and cleans itself constantly.

Find out more about EcoClean™ at www.excellence-in-innovation.eu.

- **Videos:** Demonstration of how EcoClean™ works (decomposition of smog under UV light)
- **eValuator:** Calculates the environmental and cost benefits
- **Brochure:** EcoClean™ presentation and FAQs

Note: The cover illustration shows a project where the facade is clad with Reynolux® with EcoClean™.



EcoClean™
A WORLD FIRST



Reynobond® Inox

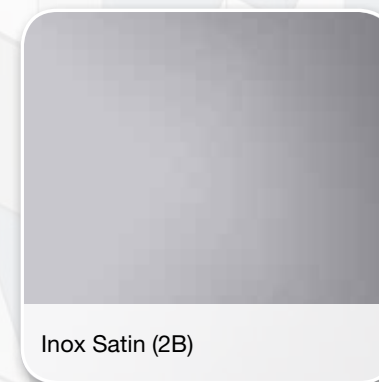
Natural look.

Reynobond® Inox combines the beauty of shiny stainless steel with the advantages of a composite panel. The fire-retardant core (FR) is covered on both sides with real stainless steel, but weighs far less than solid metal. Due to its high resistance and robustness, it is useful when working to certain guidelines.

Surface variants



Inox Patterned



Inox Satin (2B)



Inox Bright (BA)



Inox Brushed

Technical data

- **Installation:** Rivets, screws or modular mounting system
- **Thickness of the covering layers:** 0.3 mm each
- **Total thickness of the composite panel:** 4 mm
- **Width:** max. 1,250 mm or 1,000 mm
- **Core:** FR (fire-retardant)

Radisson Blu Riverside Hotel | Göteborg | Sweden | Reflex Arkitekter AB | Statiscus | Brushed Aluminium
Natural and Brushed Stainless Steel Look, mounted in different directions

Reynobond® Mirror

The mirror you can bend.

With Reynobond® Mirror your projects spread brightness and transparency. Available in two versions for outdoor or indoor applications, the composite panel has the same reflective qualities as a conventional mirror – the mirrored side has a reflecting power of 80 %. The advantage: It is much lighter, unbreakable and more resistant than glass or acrylic. Reynobond® Mirror is suitable for facades and trade-fair stands, as well as for designing shops, studios, hotels, bars or cafés.

Mirror Archi – outdoor use

- **Product:** Reynobond® Architecture
- **Installation:** Rivets, screws
- **Thickness of the covering layers:** 0.5 mm each
- **Total thickness of the composite panel:** 4 mm
- **Width:** max. 1,250 mm
- **Available in PE or fire-retardant FR versions**

Mirror Interior – indoor use

- **Product:** Reynobond® Sign & Display
- **Installation:** Rivets, screws
- **Trimable; mouldable by bending or flanging**
- **Thickness of the upper covering layer:** 0.4 mm
- **Thickness of the lower covering layer:** 0.3 mm
- **Thickness of the polyethylene core:** 3 mm
- **Width:** max. 1,250 mm



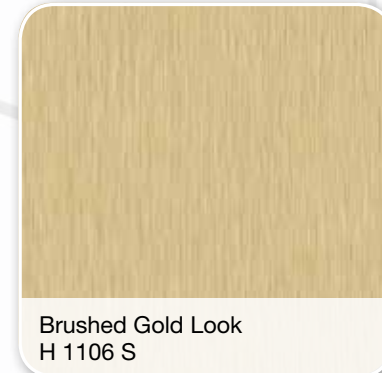
Reynobond® Architecture

Reynolux® Building

Reynobond® BRUSHED Aluminium Inspirational elegance.

The new surfaces of Reynobond® BRUSHED Aluminium have outstandingly elegant clarity. They have the typical sheen of aluminium, revealing its full effect with changes in incident light and perspective.

Surface variants



Technical data

- Thickness of the covering layers: 0.48 mm each
- Total thickness of the composite panel: 4 mm
- Width: max. 1,500 mm
- Available in PE or fire-retardant FR versions

Office building Pensionskasse Hoechst | Cologne | Germany | Gattermann + Schossig
NR Metallbau | Surface: Brushed Natural Aluminium, mounted in two directions, 3,500 m²

Reynolux® Flexible versatility.

Reynolux® aluminium sheet is characterized by its diverse design and application possibilities – for more environmentally friendly solutions, buildings compliant with A2 fire protection according to DIN 4102, or for façades with structured effects.

- Flexible for bending and moulding; 3-D elements also possible
- Available in powder-coated look
- Optionally with environmentally friendly coating
- Slightly structured
- Matt 3 %

Reynobond® ColorLab The online tool for your facade.

The ColorLab facade configurator is now available online and as a free app for iPhone and iPad. It is a useful tool for planners, architects, builders and fabricators in the design phase, and for presenting creative facade solutions.

- Realistic simulations of inspiring building facades
- Views of 80 aluminium surfaces in large format or movable 3D building models
- Online download of all surface finishes for ArchiCAD, Allplan and AutoCAD software



**YOU CAN NOW DOWNLOAD THE
FREE APP FROM REYNOBOND®
IN THE ITUNES STORE!**

