

## Paint quality: Reynolux<sup>®</sup> washcoat

### Main features

Reynolux<sup>®</sup> Building pre-painted aluminum reverse side is protected with a washcoat coating which is applied with an anti-corrosion treatment. This coating contributes to protect the back of the Reynolux<sup>®</sup> sheet against corrosion.

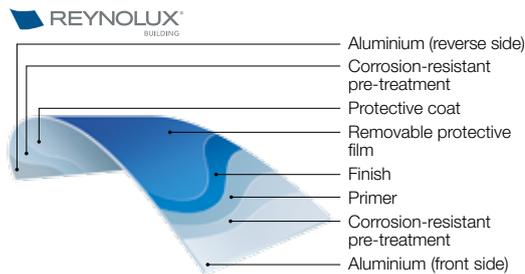
This coating paint is made with the latest technologies, which confer three major advantages:

- **Flexibility:** this coating shows a good flexibility, which is indeed required for transformations such as bending and profiling.
- This coating offer a **power sliding on both sides, the back as same as the top.**
- Reynolux<sup>®</sup> washcoat is designed for foaming and gluing, ideal for the production of sandwich panels.



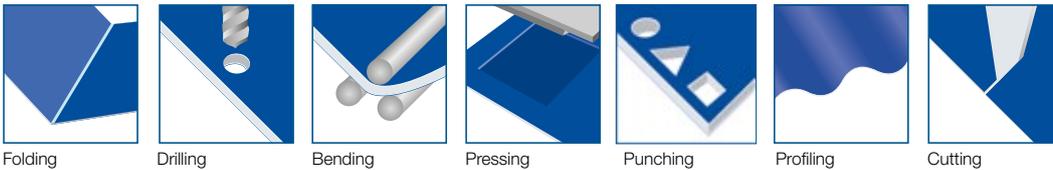
### Applications

Reynolux<sup>®</sup> washcoat is developed for universal applications. However, this coating should not be directly exposed to direct sunlight.



### Fabrication

Below you can find the main fabrication methods for Reynolux<sup>®</sup> Building:



### Cleaning

Please refer to the cleaning instructions of the technical datasheet "Maintenance guidelines for Reynolux<sup>®</sup> pre-painted aluminium sheets".

### Manufacturer's particulars and installers qualifications

Our customers are all different and thus have specific needs, as well as specific machines and tools. They should therefore make tests to find the paints and metals that are appropriate to their needs and applications according to their market, as well as to confirm the material they will use.

**Performance and durability Reynolux® washcoat**

Color		Bluish (or Transparent)
Coating thickness depending on colour	EN 13523 – 1 ASTM D 7091	3 - 7 µm
Specular gloss	EN 13523 – 2 ASTM D 523	Satin or High Gloss
Adhesion after indentation	EN 13523 – 6 ASTM D 3359	100% of adhesion
Resistance to cracking on bending	EN 13523 – 7 ASTM D 4145	Good flexibility, depending on alloy and temper

**Arconic, responsible market leader in aluminium**

Reynobond® aluminium composite panels and Reynolux® pre-painted aluminium 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.

As a member of the ECCA (European Coil Coating Association), we comply with the ISO and EN standards in all the countries we supply, and especially with the NF EN 1396: "Aluminium and aluminium alloys. Coil-coated sheet and strip for general applications".

Arconic also uses environmentally-friendly materials and complies with ISO 14001, which shows the voluntary commitment of the company to reduce its impact on the environment at all levels: water, energy, waste and use of resources. Our Reynolux® coil-coated sheets are 100 % recyclable. Moreover we develop continuously by improving the coatings in term of their composition (solvents and pigments), durability and cleaning requirements.



ISO 14001  
EMS 90851



OHSAS 18001  
OHS 572 475



ISO 9001  
FM 90850



Reynolux® EN 15088  
0036-CPB-M-081-2014