

Reynodual®

Products informations

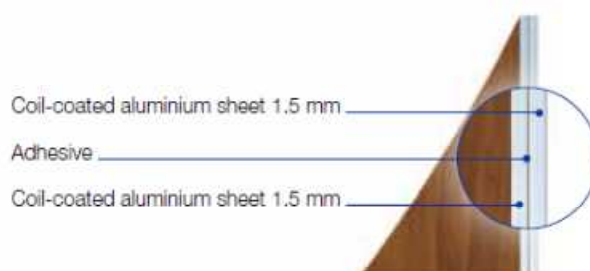
Main features

Reynodual® is a new pre-painted double sheet aluminium panel for facades with high technical, visual and environmentally-friendly requirements. Consisting of two aluminium sheets bonded together Reynodual® ensures high wind resistance and meets the high fire resistance requirements of class A2 (EN 13501-1). It can be easily shaped and processed. The fully recyclable panel is available in great widths and all colours.

Application

Reynodual® is especially developed for outdoor applications on high-rise buildings and other buildings with high fire and wind resistance requirements. As a material for ventilated facades it meets the requirements of the RT 2012, especially with regard to thermal inertia, thermal bridges and thermal performance. It can be installed in cassette, screwed and riveted systems.

Learn more at www.alcoaarchitecturalproducts.eu.



Technical properties :

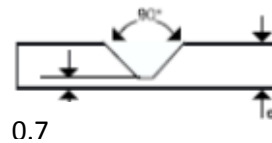
Thickness	3 mm
Alloy	3000 Series
Weight	8.3 kg/m ²
Width	1 000 – 1 250 – 1 500 mm
Lenght	Up to 6 050mm

Transformation

Machining

Reynodual[®] can be machined as ACM only by changing some parameters.

When milling for a fold, a thickness of $0,7 \pm 0.1$ mm of aluminum should be left in the bottom of the groove.



The grooving using a disk milling cutter (fig. 1) gives better results than end-milling cutter (fig.2)



Fig. 1

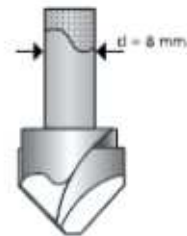


Fig. 2

The best results are obtained with a disk diameter of 180mm, a cutting speed of 6300 trs/min and an advanced of 8m / min

We highly recommend proceeding to tests before doing any wok for the project.

Alcoa Architectural Products
1, rue du Ballon
68500 Merxheim, France
Tel. +33 (0) 3 89 74 47 96
Fax +33 (0) 3 89 74 46 90
Reynobond.Service@alcoa.com
www.reynobond.eu