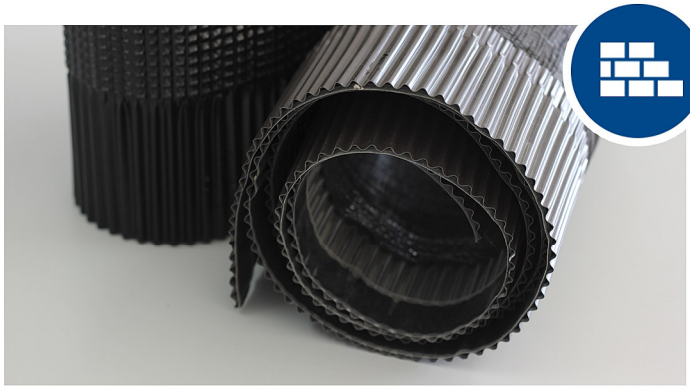
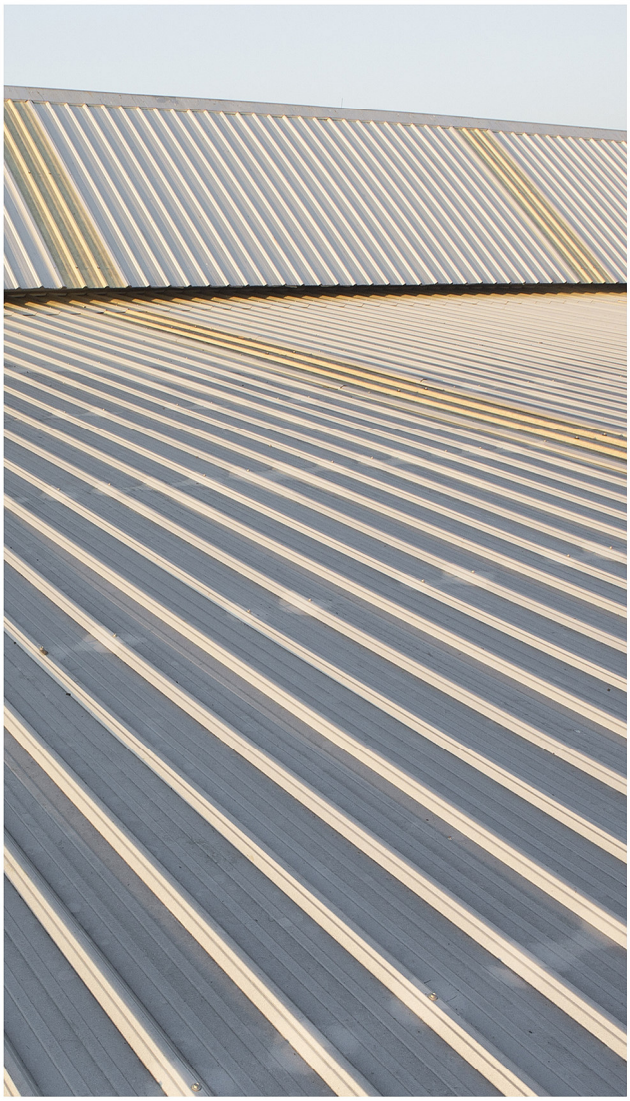
insulax® RF is the designation of ALUCOAT for the lacquered foil intended to be used for the production of insulation structures for building (roofs, chimneys, among others).

insulax® RF our product to be used in the production of insulation for roof ridges and edges after combination, provides an excellent barrier for humidity, gas and U.V. light. It can be supplied in a wide range of colours and different qualities of lacquer.





Advantages

•Laquers have been specially designed by our technical department and provide an excellent resistance to weathering and UV light.

•It can be laminated to other materials (foams, plastics, among others) in order to form very high performance insulation and barrier products.

•Easy to shape, which do it the best election to special applications.

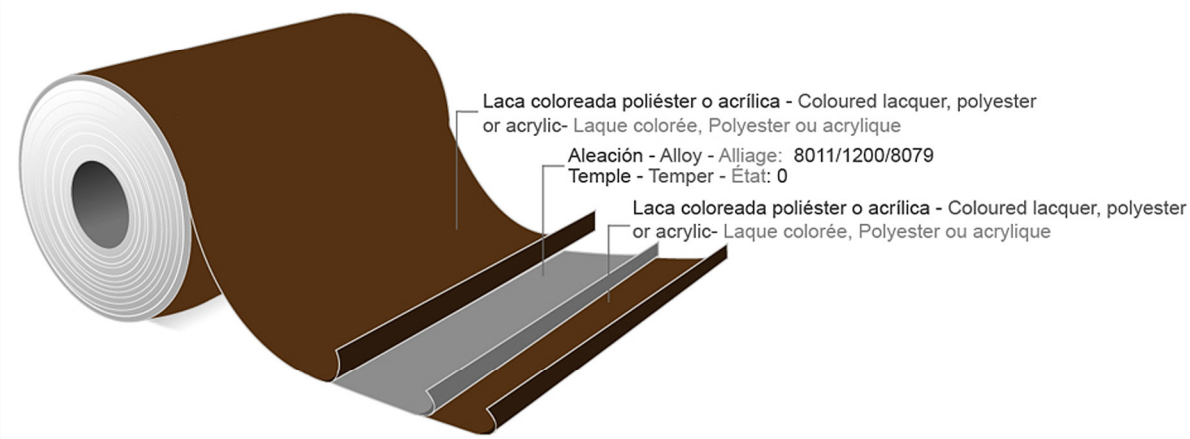
•There is the possibility to incoporate the pre-treatment coating **Alucoat® prelac** that improves the corrosion resistance and the adherence of the lacquer over the aluminium surface.

Applications

ALUCOAT supplies its product **insulax® RF** in reels of wide until 1.600 mm, with core of steel or carton up to 500 mm and maximum weight of 6 tonnes.

insulax® RF is specially suitable for roofing isolation, it keeps perfect air conditioning and protect against external agents.

Composition:



Covering properties:

PROPERTY	METHOD	insulax® RF
Top layer		Coloured lacquer, polyester, superpolyester
Aluminium		8011/1200/8079 O
Bottom layer		Coloured lacquer, polyester, superpolyester
Standard colours		Wide range of colours RAL
Adherence	ASTM D-3359	No delamination
Bending	ECCA 7 (0 ≤ T BEND ≤ 1)	OK
Curing	Resistance to MEK	> 50 d.f.
Heat Resistance	240ºC/2 min.	OK
Corrosion Resistance (Neutral Salt Spray)	ASTM B117 (NaCl 5%/35ºC)	>500 h (According to specification > 1000 h)
U.V. Resistance	ASTM G154 (500 h.;UV-313 4h. 60ºC / Condensation 4h. 40ºC)	OK

Recommended alloys:

EN AW 8011A, EN AW 8079, EN AW 1200, EN AW 1050 (according to European Standards (EN 573-3))

Customer can specify its needs in order to choose the best thickness, alloy and temper of the metal.