

insulax® kitchen is the designation of ALUCOAT for the lacquered foil intended to be used as furniture trims.

insulax® kitchen is suitable for being laminated with PVC, slats and MDF board, melamine, among others, intended for kitchen furniture.

The aluminum coating provides a decorative element while protection. It's available in several colors and brushed finish and it's easily molded, making it the best choice for special applications.



Advantages

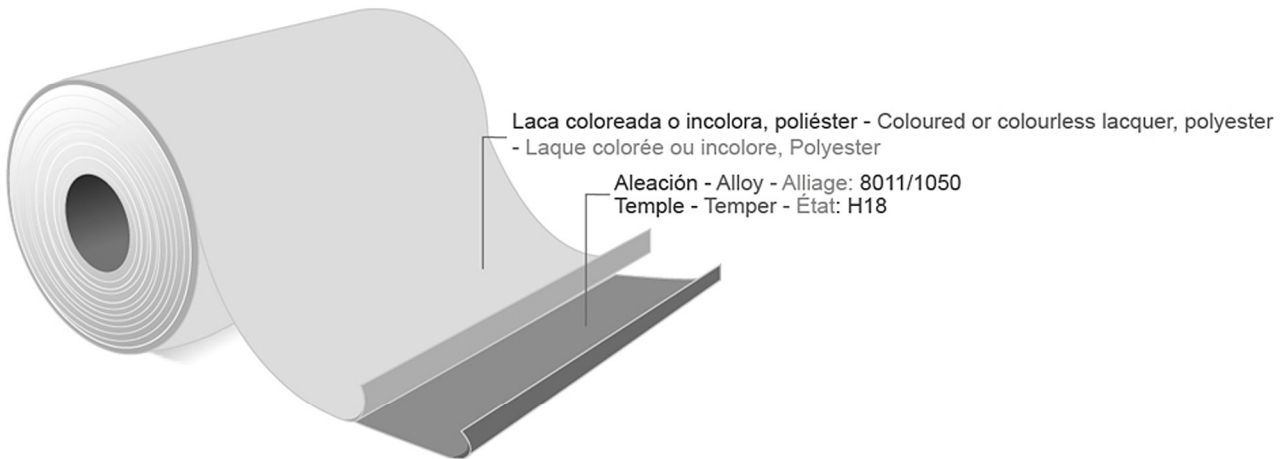
- It is a very good barrier to moisture, gas and light.
- Laquers have been specially designed by our technical department and provide an excellent resistance to weathering and UV light.
- It can be laminated to other materials (foams, plastics, among others) in order to form very high performance insulation and barrier products.
- There is the possibility to incorporate 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® kitchen** 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® kitchen is specially suitable for furniture trims for professional and private kitchen.

Composition:



Covering properties:

PROPERTY	METHOD	insulax® kitchen
Top layer		Coloured lacquer or colourless polyester
Aluminium		8011/1050 H18
Bottom layer		None/Optional pre-treatment or primer improving adherence
Standard colours		Colourless gold or inox
Adherence	ASTM D-3359	No delamination
Bending	ECCA 7 (0 ≤ T BEND ≤ 1)	OK
Curing	Resistance to MEK	> 50 d.f.
Heat Resistance	240°C/2 min.	OK
Corrosion Resistance (Neutral Salt Spray)	ASTM B117 (NaCl 5%/35°C)	>500 h
U.V. Resistance	ASTM G154 (500 h.; UV-313 4h. 60°C / Condensation 4h. 40°C)	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.