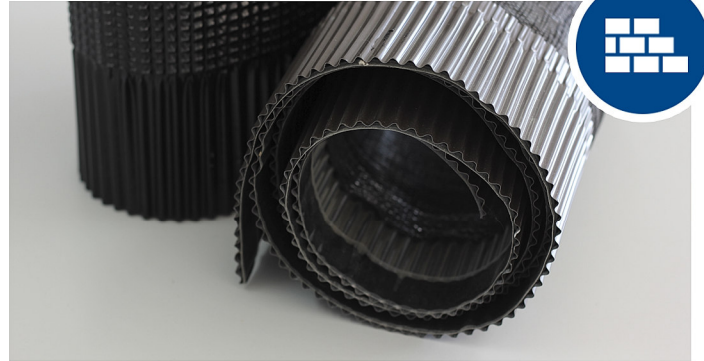


**insulax® PET** is the designation of ALUCOAT for the lacquered foil intended to be used for the production of insulation structures for building (roofs, chimneys, among others).

**insulax® PET** our product can be used in the production of insulation for roof ridges and edges that is composed for a laminated aluminium-PET that provides a very good flexibility and that for a similar properties has a lower thickness of aluminium than **insulax® RF**. Moreover provides an excellent barrier for humidity, gas, U.V. light...



## 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 incorporate the pre-treatment coating **Alucoat® prelac** that improves the corrosion resistance and the adherence of the lacquer over the aluminium surface.

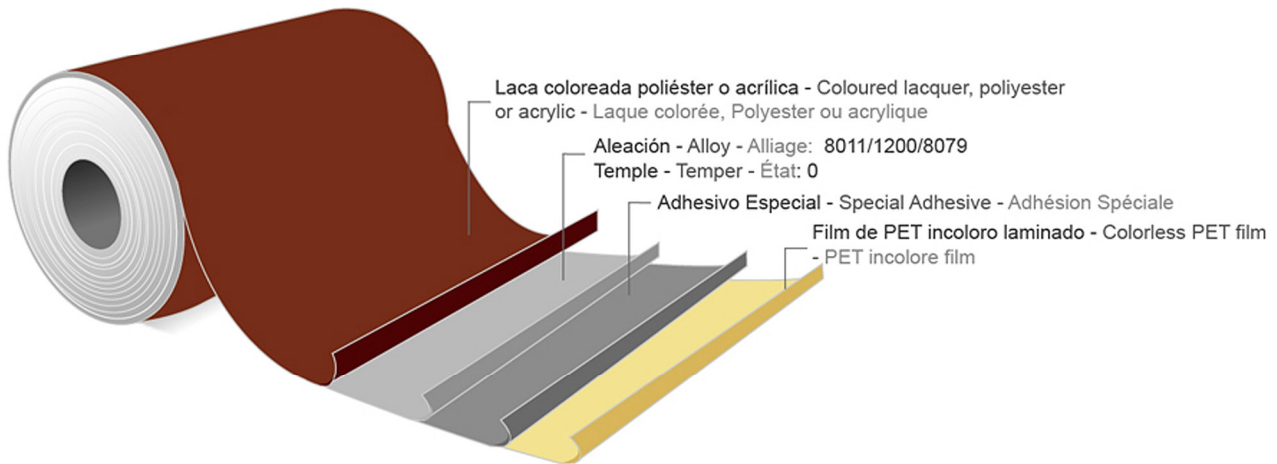
## Applications

ALUCOAT supplies its product **insulax® PET** 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® PET** is specially suitable for:

- Insulation for roof against water.
- Insulation for ventilation ducts.

## Composition:



## Covering properties:

| PROPERTY                                  | METHOD                                                     | <b>insulax® PET</b>                            |
|-------------------------------------------|------------------------------------------------------------|------------------------------------------------|
| Top layer                                 |                                                            | Coloured lacquer, polyester, superpolyester    |
| Aluminium                                 |                                                            | 8011/1200/8079 O                               |
| Bottom layer                              |                                                            | Colouress PET film joint with special adhesive |
| 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                           | 240°C/2 min.                                               | OK                                             |
| Corrosion Resistance (Neutral Salt Spray) | ASTM B117 (NaCl 5%/35°C)                                   | >500 h (According to specification > 1000 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.