

# AEROPROOF APPLICATION

## VERIFY THE STATE OF THE EXISTENT SUPPORT

Check the flatness of the surfaces and ensure the evenness of possible significantly irregular differences in height.

Check and guarantee the continuity and the sealing of any expansion joints.

For particularly dusty surfaces, apply a primer coat.

## LAYING OF THE PANELS

Proceed with the laying of the panels preferably with staggered joints, with the longest side parallel to the gutter line and transversal to the slope line.

In case of roofing with a visible waterproof coat, it will be appropriate to prevent that the seam between the panels coincides with any discontinuities in the laying surface (ex. Joints between tiles and prefabricated ceilings).

The membranes must always be placed transversally to the direction of laying/offsetting of the panels and longitudinally to the slope direction of the coverture.

The herringbone laying of the panels is also possible, which allows the laying of the sealing element in both directions.

For a more precise description of the laying methods see the norm UNI 11442.

## FIXING

In applications on roofing, specifically under visible waterproof membranes, it is important that the insulation coat is appropriately fixed to the structure.

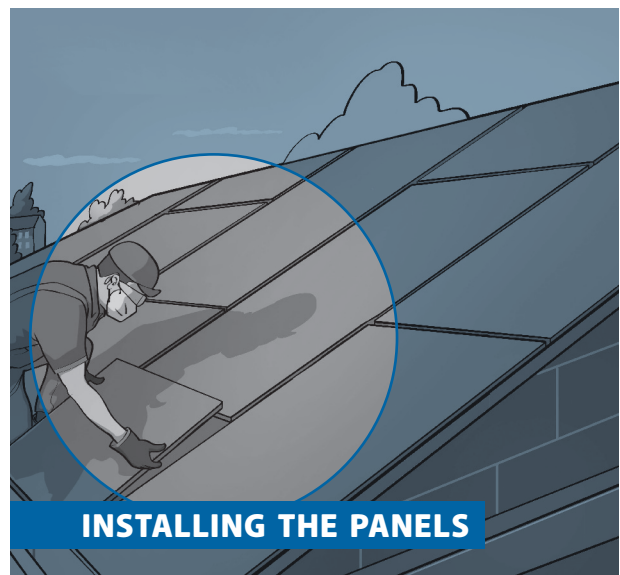
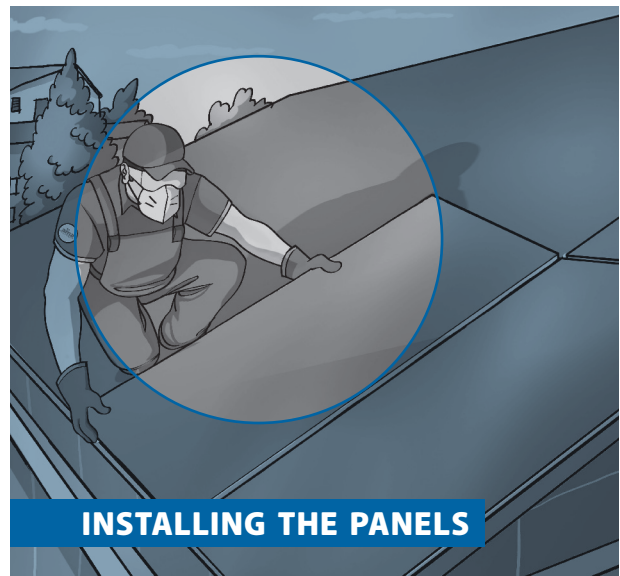
In case of visible impermeable systems, the adhesion between the panel, vapor barrier and structure must be always higher, or at least equal, to the one between the panel and the waterproofing membrane.

The AEROPROOF panels can be fastened with different methods depending on the applicative conditions and the type of coating used.

## ADHESION: ADHESIVE OR POLYURETHANE FOAM.

Using polyurethane adhesives or one-component foams in cans, form a series of continue curbs distanced of approximately 15 cm.

Then, lay the panel and exercise an adequate pressure.



### **MECHANIC: THROUGH DOWELS OR OTHER FIXING ELEMENTS.**

For the correct sizing of the fixing points please refer to the indications of the norm UNI 11442. Place the dowels on the corners, at a distance of at least 100 mm from the border and at least two central dowels.

The fixing methods, dowels, screws, self-tapping screws, nails, etc. depends on the type of support.

For the use of dowels, it is recommended to have a washer with a useful surface  $\geq 30 \text{ cm}^2$  and, in the case of heat-applied waterproof coats, made of materials which are resistant to the temperature required by the application.

### **LAYING THE FINISHING COAT**

After laying the panels and fixing them, proceed with the hot application of the finishing coat (reinforced membrane) transversally to the direction of the laying of the panels.

