

A close-up photograph showing the BuddyFlow bird barrier system installed on a solar panel. The system consists of a clear plastic rail with multiple vertical stainless steel wires attached. The rail is mounted to the edge of a dark blue solar panel, and the wires hang down over a terracotta-colored tiled roof. The background shows more solar panels and the tiled roof.

BUDDYFLOW™

BIRD BARRIER FOR PHOTOVOLTAIC PANELS

SOLUTION

THE BUDDY FAMILY

BUDDYSUN[®]

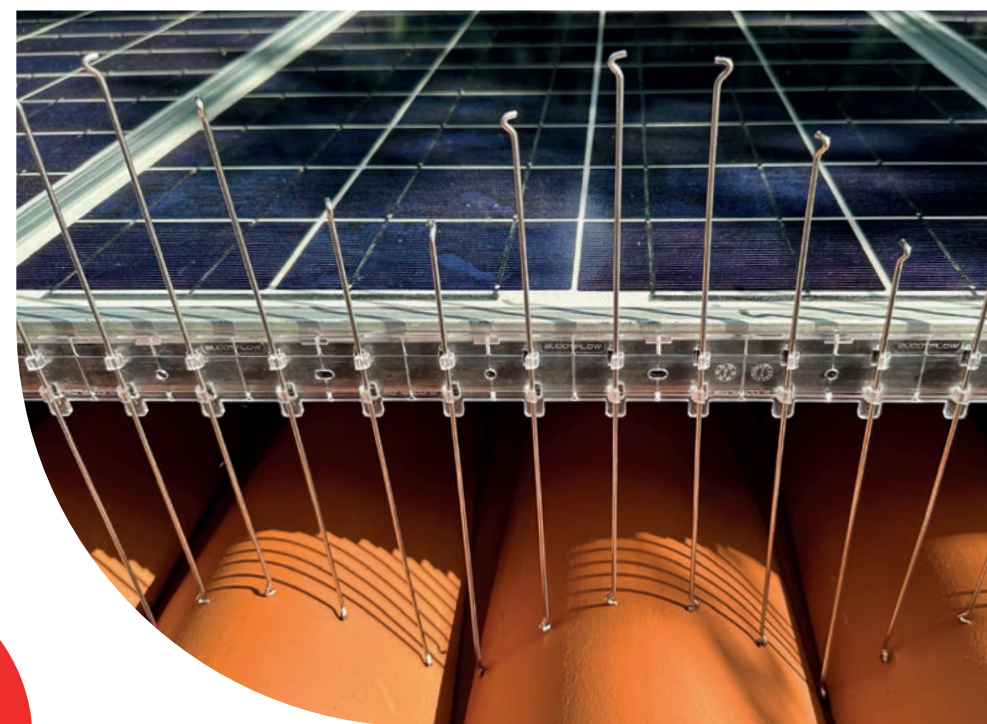
BIRD BARRIER FOR PHOTOVOLTAIC PANELS



0001421939

BUDDYFLOW[™]

BIRD BARRIER FOR PHOTOVOLTAIC PANELS



102023000021957



PROBLEM

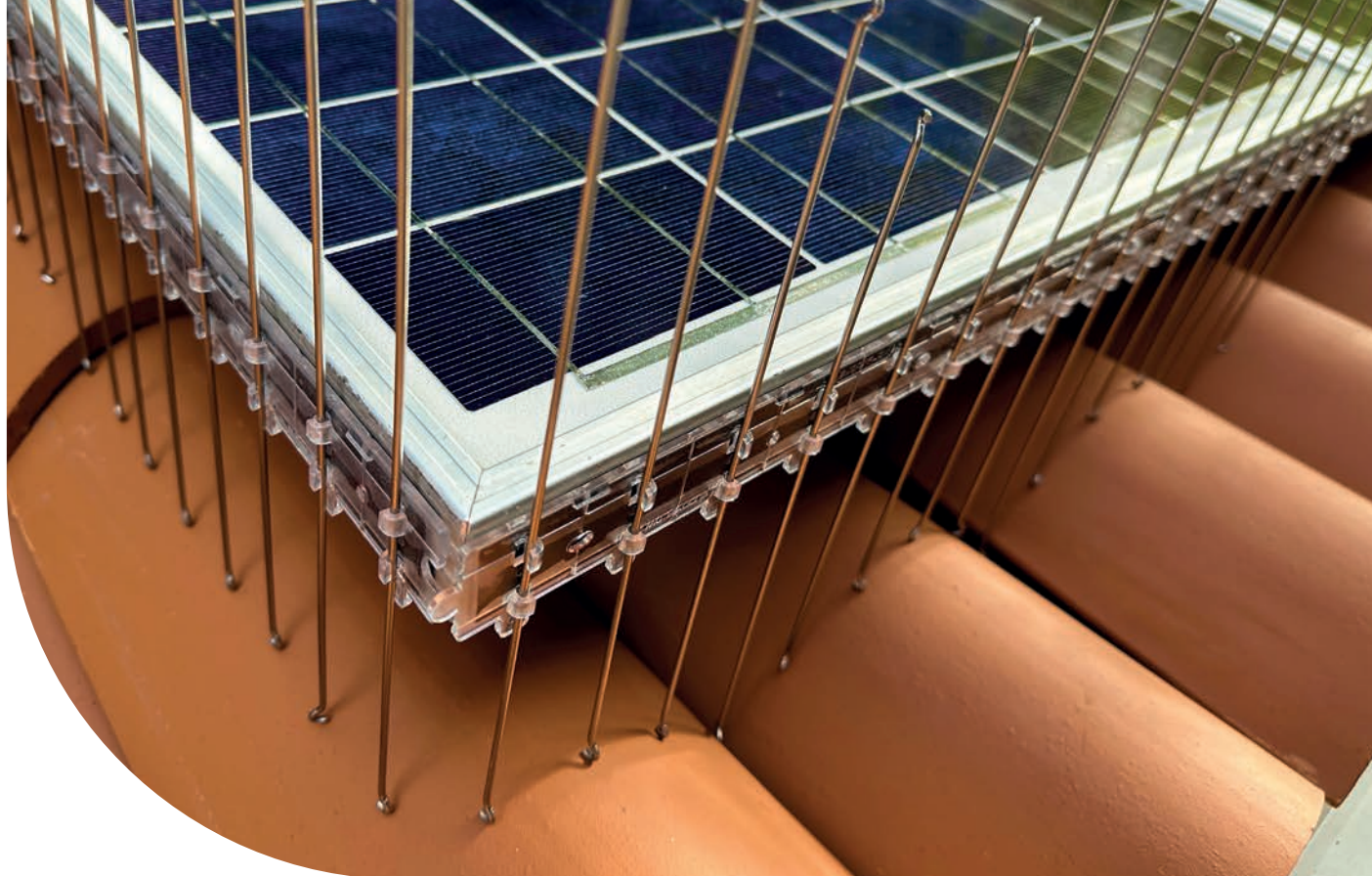


The roof of houses is usually an interesting refuge for pigeons attracted by heat loss through the roof and chimneys. In the case of roofs with photovoltaic systems, the heat accumulated during the day by the panels through solar radiation provides additional comfort and shelter for pigeons, which tend to inhabit the roof even in winter. Pigeons are in fact encouraged to stay both on the warm surface of the photovoltaic panels and in the niche between the panels and the roofing underneath to protect themselves from bad weather. It is well known that guano, due to its acidity, tends to make the glass opaque, rapidly degrading the performance of the panels. The consequent need to use aggressive and abrasive cleaning products will quickly lead to accelerated panel deterioration. The nests and the abundant guano will then be washed away by rainwater causing the obstruction of gutters and downpipes.



buddyflow.eu

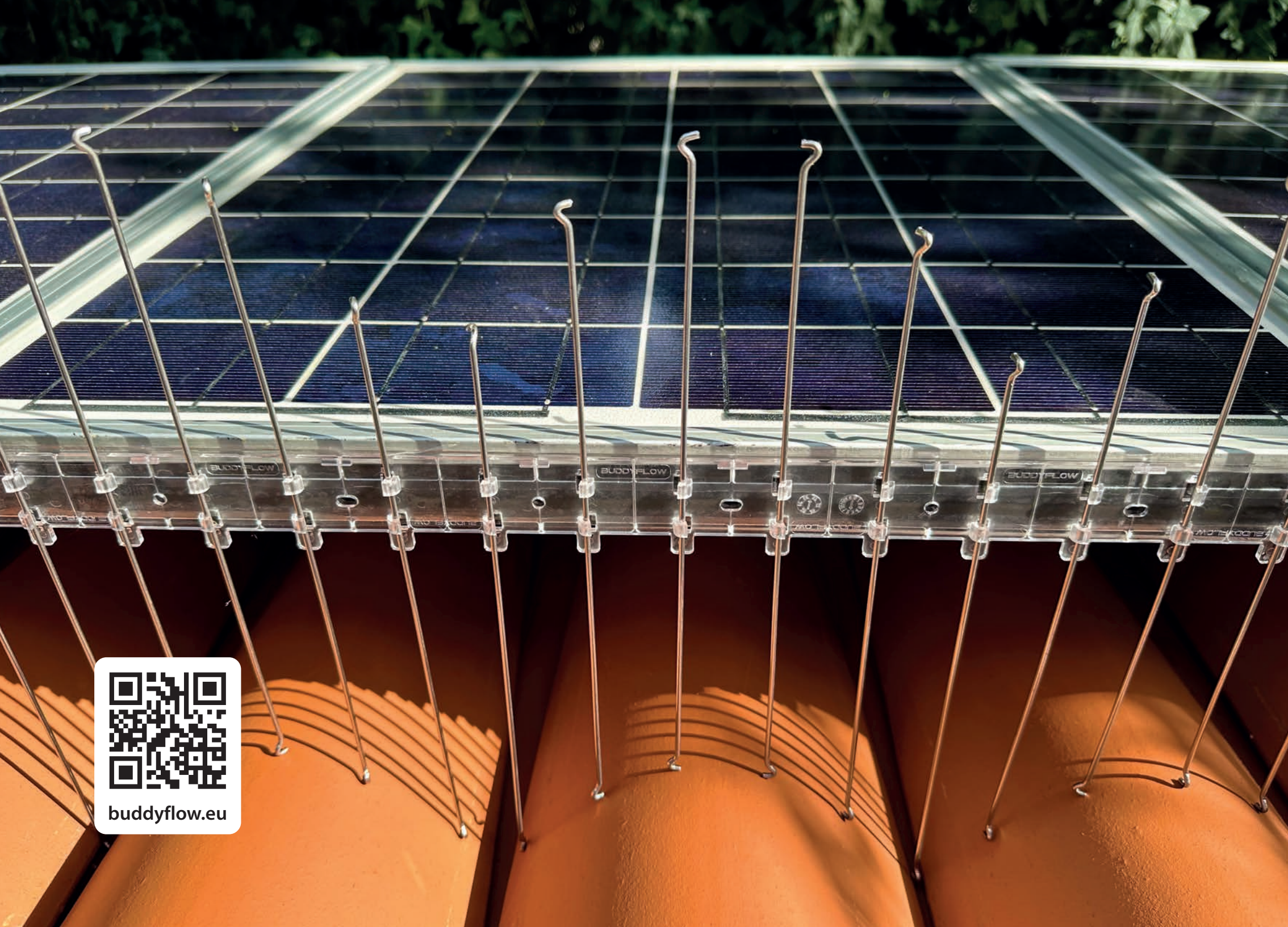
NO PIGEONS



BUDDYFLOW™ is a specific and indispensable barrier, patented, to permanently and quickly close the gap between the roof pitch and the photovoltaic panels. This space allows pigeons to find a convenient, protected place to nest and spend the night, creating a number of inconveniences, including the accumulation of guano and the consequent presence of pigeon parasites, pathogenic viruses, etc.

This innovative barrier can be anchored to the aluminium frame of the photovoltaic panel not only with screws and silicone, but also with the specific double-sided adhesive tape “BUDDYTAPE” that is resistant to weather changes, temperature fluctuations, water, snow and smog.

Useful for closing gaps from 2 cm up to 22 cm in height without any necessary modifications or cuts.



buddyflow.eu

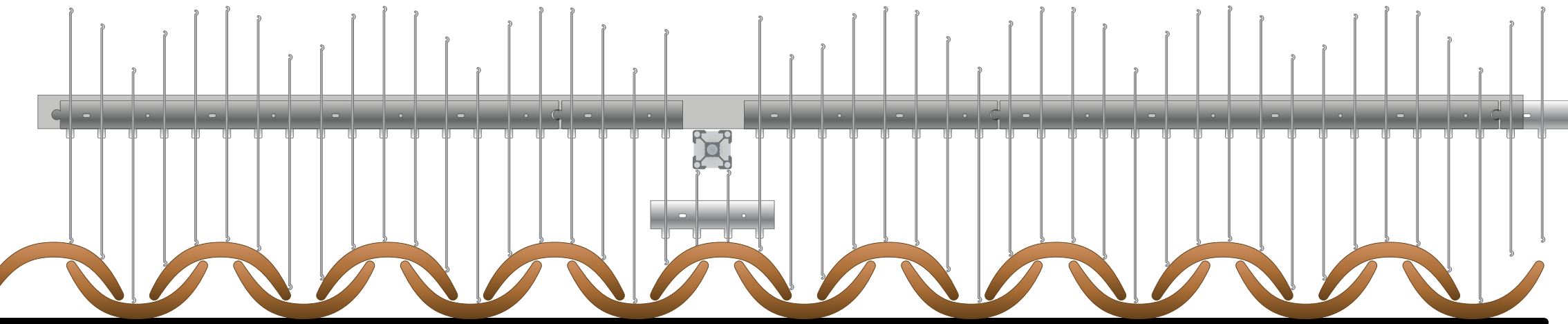
SELF-ADJUSTABLE

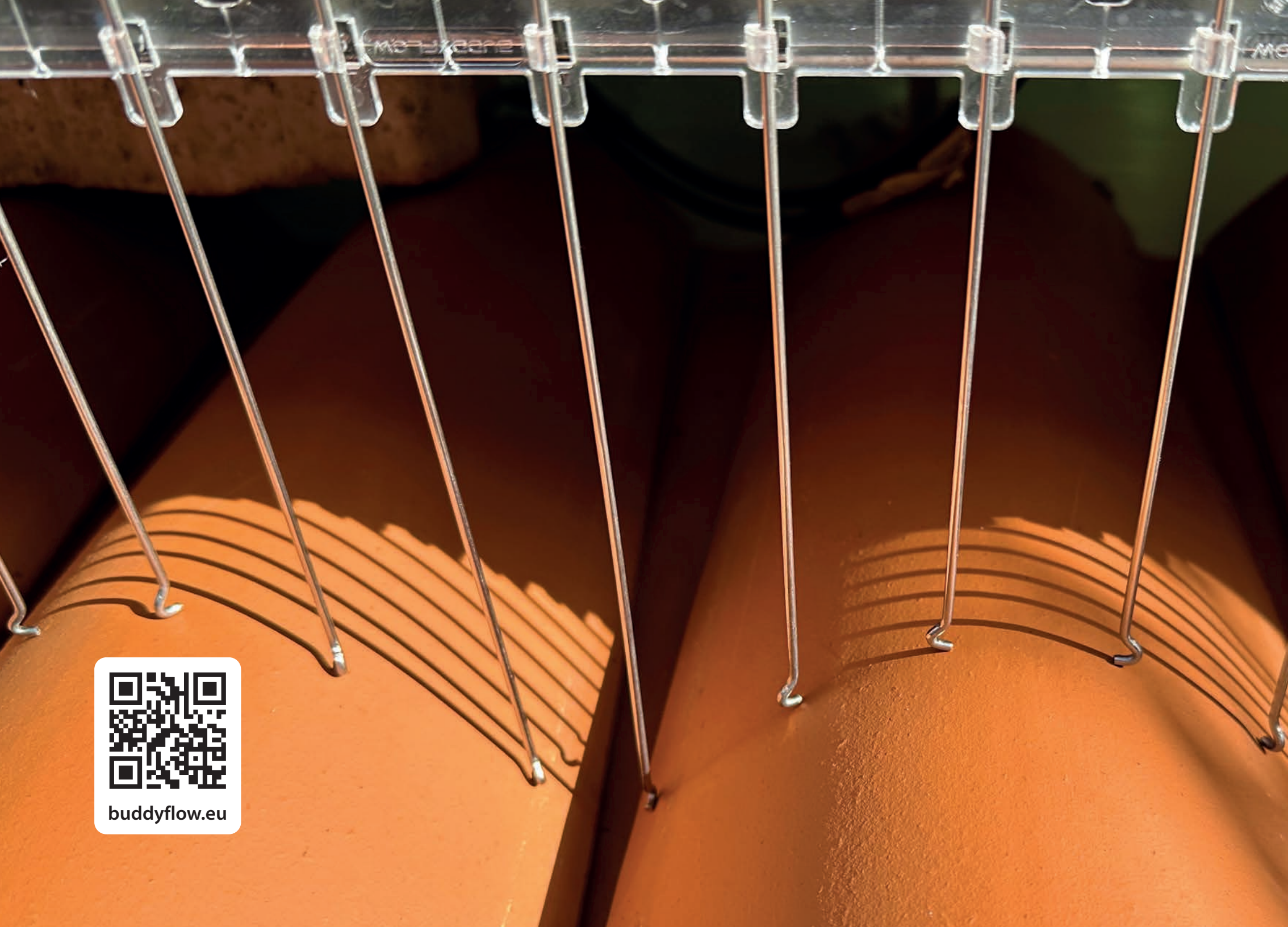
The main feature, which makes BUDDIFLOW™ a unique system of its kind, relates to its structure with parallel rods that are independent of each other and can slide freely. Once the barrier is placed on the perimeter frame of the panels, it self-adjusts itself to roof shape, without any effort.

The rods fall naturally by gravitational effect from the top downwards, autonomously aligning themselves with the underlying roof, following its shape.

TOTAL PROTECTION

One of the major features of BUDDYFLOW™ is the double protection that the barrier offers once installed. The vertical rods close the niche under the panel and at the same time protect its perimeter edge.





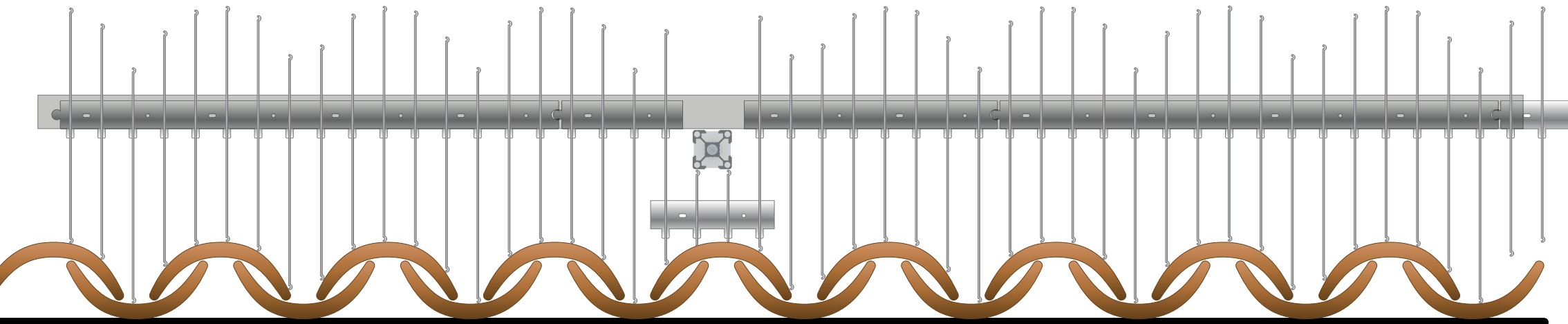
buddyflow.eu

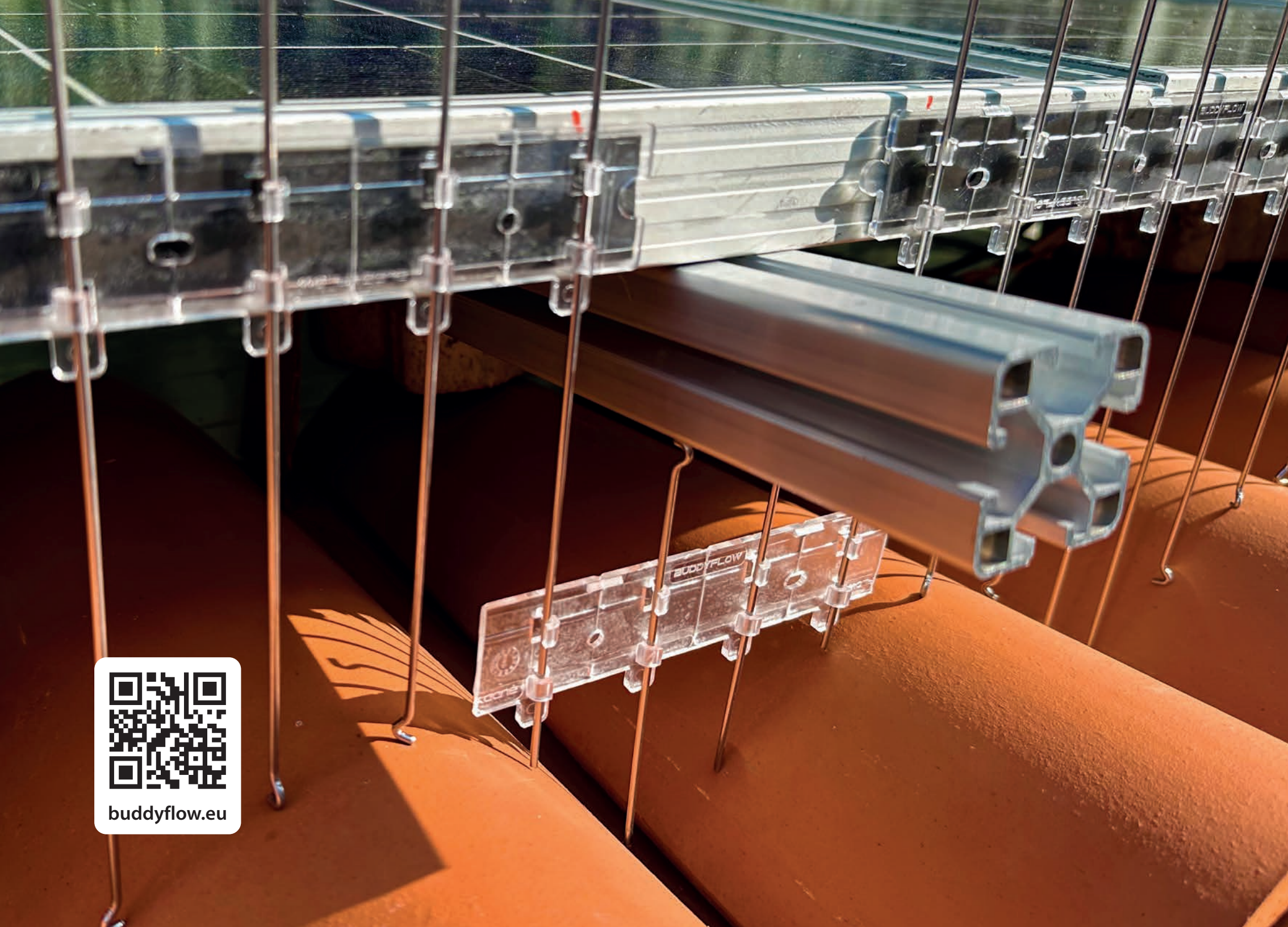
ANIMAL WELFARE

BUDDYFLOW™ has been designed and developed to protect the welfare of the birds; the bent ends of the rods offer no sharp points of contact that could accidentally injure the birds during their attempts to settle.

PATENTED

BUDDYFLOW™ is protected by patent (102023000021957), to make the barrier exclusive and unique, thus creating added value for the professional installer.





buddyflow.eu

FEATURES

Support base material: UV-resistant polycarbonate
Base length: 53 cm

Sliding rods material: stainless steel
Rods length: 25 cm

Rods distribution: 1 rod every 3.3 cm
No. of rods each base: 16

Suitable for closing gaps: from 2 cm up to 22 cm high



BUDDYFLOW™ is a brand and patent by OSD Group - www.osdgroup.eu



PROBLEM