



# APIRA

## materials & solutions

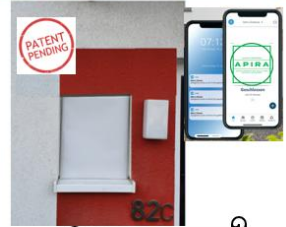
All-in-One Protection of Buildings, Facilities, Warehouses & Homes from Wildfires



DIN EN 13501-2 EI 60  
Certifications



PATENT PENDING



Innovation Award: Germany



R&D Award: Germany



Patent Award: Germany



New Business Development Award: Germany

## APIRA: One sentence description



A complete, pre-installed wildfire protection solution for buildings, facilities, and warehouses that operates easily, quickly or remotely, without the need for water or electricity, for both new and existing structures – and without requiring human presence.

## Wildfires: Data and hard numbers



The profile of the Wildfires in the Mediterranean-type climate regions.



Fire temperature:  
715 °C  
at the centre of the fire.



Time:  
How long fires last?  
It takes **3 to 5 minutes**, to  
pass through a house.



Houses on fire:  
Fires enter the houses **Only**  
**via Openings** i.e. Doors,  
Windows or Roofs

Speed  
source: BBC



Avg person:  
9,85km/h



Forest fire:  
10,78km/h



Grass fire:  
22,53km/h

## APIRA: Products Portfolio - Three Solutions: 1/3

**Removable 1-part:** Customised, stored and used in case of danger.



## APIRA: Products Portfolio - Three Solutions: 2/3

**Removable 2-parts:** Customised, stored and used in case of danger.



## APIRA: Products Portfolio - Three Solutions: 3/3

**Pre-installed Rollers:** placed outside each window glass & roller. Deployed also remotely.





## APIRA: Advantages and Solution Applications



- ❑ Protects buildings, warehouses, and facilities from wildfires, embers, firebrands, and radiant heat - without human presence.
- ❑ Pre-installed according to APIRA's patented specifications.
- ❑ Prepared and tested in advance when no wind or fire is present.
- ❑ Remains effective for hours, days, or weeks - with no loss in performance.
- ❑ Activates at the first sign of danger, long before fire approaches.
- ❑ Requires no water, pumps, power, or special equipment.
- ❑ Reusable - folds and redeploys easily.
- ❑ Long-lasting protection, with an estimated service life of 20–25 years.
- ❑ 100% Environmentally Friendly.
- ❑ Zero Environmental Impact.

## APIRA Applications - What it Covers and Protects:

<b>Facilities, Buildings, Homes</b>	<b>Industrial Equipment</b>	<b>Fuel Tanks</b>	<b>Power Poles</b>
<b>Warehouses</b>	<b>Structures</b>	<b>Bridges</b>	<b>Aircrafts</b>

## Global Risks: Climate & Environment are the most severe threats ...



Global risks ranked by severity over the short and long term



Source  
World Economic Forum Global Risks Perception Survey 2022-2023.

## Contact Us

# APIRA

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