



DETAIL  
PRODUCT AWARD  
WINNER 2021



Patented  
and only  
from FLECK

## Install more safety on the flat roof.

FLECK ROOFGUARD – the leaf screen that removes leaves from itself automatically and sends status messages directly from the roof via FLECK connect.

The ROOFGUARD is a patented leaf screen with lift mechanism. It reduces the risk of flat roof drains and notifies of pending problems before damage is caused.



Watch the video!  
[youtu.be/2sKNURTIq7w](https://youtu.be/2sKNURTIq7w)



### Service hotline

**Peter Nowack**  
Product manager

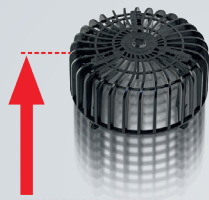
T +49 2363 9123-21  
[p.nowack@fleck-dach.de](mailto:p.nowack@fleck-dach.de)



3 buoyancy bodies, which rise when the water back-up level reaches 60 mm and pull the leaf screen upwards.



The ROOFGUARD: A patented leaf screen with lift function and wireless module.



The idea: A leaf screen that raises itself mechanically when the backed up water level reaches 60 mm.

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A wireless module that sends information from the roof.

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### How does ROOFGUARD with FLECK connect work?

If leaves block the flat roof drain or gully and water accumulates up to 60 mm, the leaf screen raises itself: the backed-up water shoots beneath it and into the drain. The resulting undertow drags leaves, hail, etc. along with it. The leaf screen then lowers itself and an email is sent. The owner, roofer or facility manager can then arrange an inspection or maintenance.

The ROOFGUARD is – in simple terms – a leaf screen that raises itself in the event of critical water back-up. The FLECK connect wireless module then sends an email.

## A brilliant idea now enables a “remote diagnosis”.

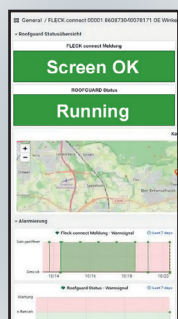
Flat roofs must be maintained regularly, among other things to maintain insurance protection. Owners who spare the expense accept the risks.

The increasingly frequent heavy rainfall events increase the risk of backwater on the flat roof penetrating the building where it can cause substantial damage, especially where (older) roofs without an emergency overflow are involved. The idea of the ROOFGUARD was born in practice and was thought up by a master roofer, in order to offer owners a permanently active protection system for the flat roof drain and thus increase safety on flat roofs.

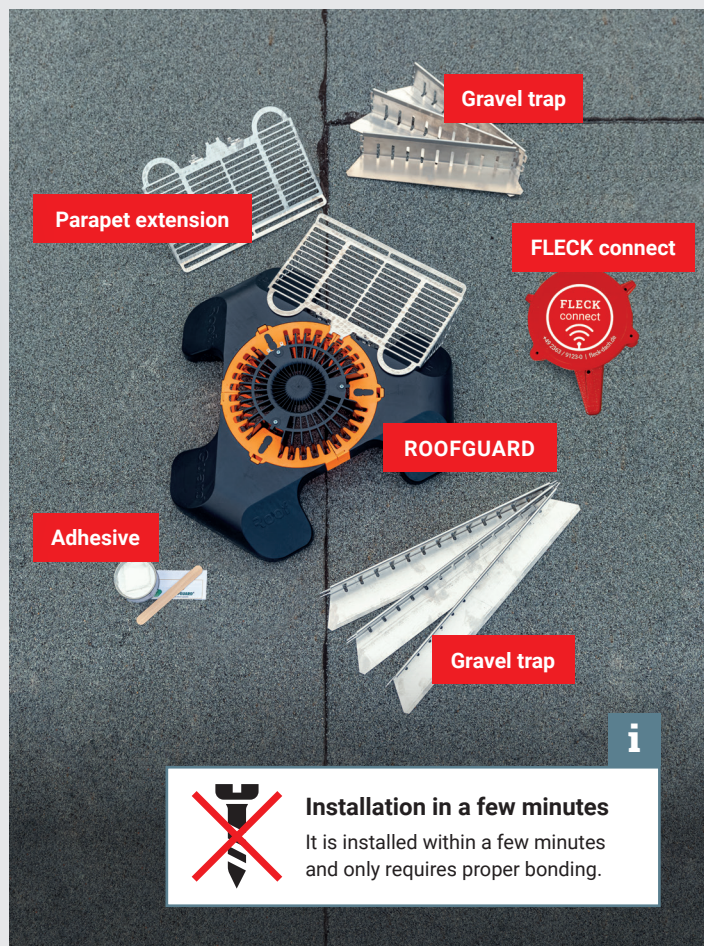
With it, roofers can

- identify urgently needed maintenance from afar
- add the technology to existing maintenance agreements
- point out the need for maintenance agreements
- reduce the risk of flooding on flat roofs

FLECK connect sends an email as soon as backwater has been diagnosed.



### ROOFGUARD system components



**Installation in a few minutes**  
It is installed within a few minutes and only requires proper bonding.

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FLECK connect is currently not yet available in Austria and Benelux.

Subject to change without notice | Dated 07/2023 | ROOFGUARD WITH FLECK CONNECT