



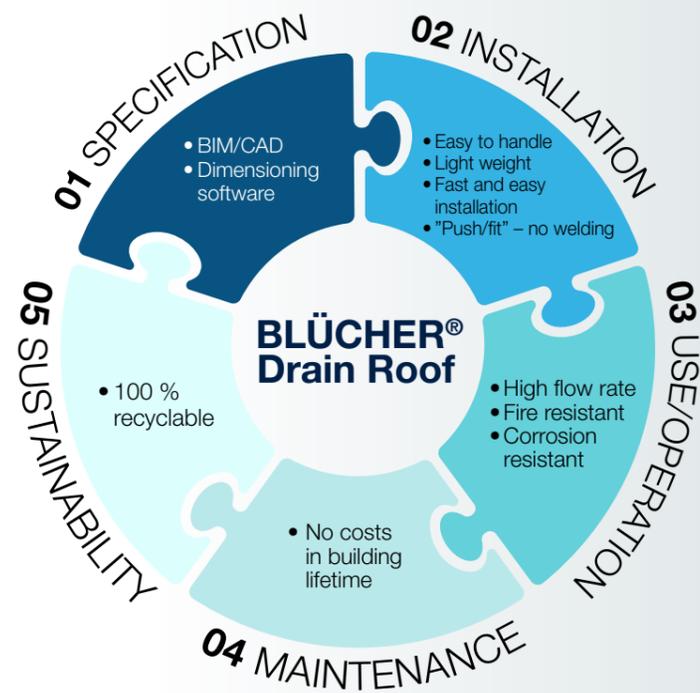
INTELLIGENT  
ROOF



“The **BLÜCHER® Drain Roof** range is easily connected to the BLÜCHER® EuroPipe pipework system - offering you a safe and complete roof drainage system“.

# Connected Roof

## BLÜCHER® Drain Roof



BLÜCHER offers you a complete roof drainage system.



BLÜCHER® EuroPipe  
stainless steel drainage pipework system



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INTELLIGENT ROOF

# Monitor your Roof

*Keep an eye on your flat roof with the BLÜCHER "Connected Roof", and be notified of standing water, for instance due to clogged roof drains*

It can come to serious problems if standing water on a flat roof seeps through the roof structure and into production, warehouse or other commercial buildings. But with the BLÜCHER "Connected Roof" concept you will get a warning if there is standing water on the rooftop. This can be caused by the drains on the roof being blocked by fallen leaves, dirt, old building materials, etc.

Experience shows that people rarely enter the large flat roof areas. Access is often difficult if not impossible due to safety precautions. As a result, the water level on the roof can rise without anyone noticing:

- "In our experience, there are many buildings where hardly anyone goes on top of the roof

unless there is a problem with the roof. In these cases, serious situations may occur if suddenly water seeps through the roof and causes damage to the production facilities or warehouse below", says Thomas Svan Them, Product Manager with BLÜCHER.

If water gathers on the roof, for instance at a clogged drain, this can impact the durability of the roof. If leakages occur, this can have serious impact on the rest of the building.

### Active roof top surveillance

BLÜCHER has developed "Connected Roof", a system that communicates an alarm if the roof drainage system is blocked.

The system consists of a number of monitors that send a signal to a gateway. From here the alarm can be shown in a Building Management System (BMS) via SMS or email. Monitors are installed on the roof at each roof drains and have a battery life of more than 10 years.

By combining data the system can detect standing water at one or more drains, and service/repair staff can be called to check the roof to prevent that damage occurs

