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

# Siphonic Roof BLÜCHER® Drain Roof



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## **Siphonic Power Drain removes** more water than you can imagine!

**BLÜCHER** has developed a siphonic power drain which can remove more than 110 m<sup>3</sup> of water in one hour.

#### **BLÜCHER®** siphonic roof drainage is cost efficient and reliable

- Only one downpipe to the ground Less piping necessary Less below-ground work
- Fewer roof drains required Fewer cut-outs in the roof required

#### Small pipe diameters Light-weight, takes up less space as compared

to traditional plastic or cast-iron systems

Pipes are 100% filled Less noise in pipes Less water on your roof = preventing potential damage Horizontal pipes without fall

Ease of installation

### Let us help you with your next SIPHONIC ROOF project!



#### We know how

In the BLÜCHER<sup>®</sup> roof drainage test center, our designers run simulations of storm water situations to ensure that the drains developed fulfill local requirements and to assist designers and roof companies in specifying the best solutions for the projects.

**Drain Roof** for siphonic roof

Siphonic Roof Drainage System A Siphonic system has fewer roof drains as compared to the gravity system and has a small diameter horizontal pipework system underneath









**Traditional gravity** Traditional gravity drainage system with pipes filled max. 33%.

Siphonic

Owing to the siphonic plate of the drain, the pipe is quickly 100% filled, keeping air out of the system and allowing full bore discharge to induce a siphonic action resulting in higher velocities and greater discharge

the ceiling. More water – as compared to a gravity system - is transported through the pipework due to fast flow. The siphonic system is most often used on larger roofs (more than 500 m<sup>2</sup>)



