

Practical experience: ACO Surface Water Management

Kamen, Germany
2021



Advantages

- The ACO PowerDrain V 275 meets the requirements of load class F 900 and can withstand the increased heavy traffic during the construction.
- Customized elements produced in advance, to ensure rapid installation.
- The products meet the requirements of the Water Resources Act and enable future orientated rainwater management by transporting the water on an elevated level near to the surface.
- Cost efficient drainage close to the surface.

Climate adaptive residential area Kamen

Sustainable urban drainage to protect people from the effects of overheating and flooding

The ACO PowerDrain channel system has been chosen to implement a sustainable drainage system. Keeping the water transport level near to the surface makes it possible to feed the surface water into natural waters.

Living in harmony with nature while being connected to a well-developed infrastructure: the new climate adaptive residential

area in Kamen in the eastern Ruhr region is a showcase project in every respect. It is not only the energy-efficient, low-CO₂ construction method that serves as a model, but also the water-sensitive road design keeping a high water level.





Information at a glance

Object: Climate adaptive residential area
Kamen, Germany

Customer/ Investor:

Construction company Zabel GmbH

Contractor/ Installer: Municipal
Drainage Department Kamen

Year of construction: 2021

ACO Products:

- ACO PowerDrain V275 (approx. 700m)
- ACO Drain Road gully E600-F900

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