

In Operation:

ACO Surface Water Management

Kiel, Germany
2020



Kiel (Germany)

Efficient drainage concept for open spaces.

Remodeling Holstenbrücke –
Kleiner Kiel Canal

With this new area, Kiel has gained an attractive city-centre space that welcomes visitors to stay. Based on the development goals, such as the creation of public space in which to stroll and while away the hours, the enhancement of the city image and the improvement of the retail location, plans were also drawn up to develop a new water route between Kleiner Kiel and Bootshafen (Boat harbour). The Kleiner Kiel Canal that was created as a result has been a major contributor to the attractiveness of the area.

Where previously there was a multi-lane road that left hardly any space for pedestrians, large areas have been repurposed as a recreation and relaxation space. This space includes two ponds that reflect the maritime flair of the city. Furthermore, the promenade allows the restaurants and cafes in this area to offer outside seating along the Fleet. The previous traffic areas for trams, buses, cyclists and pedestrians have been restructured to create a large square area in which private car traffic cannot enter.

Advantages

- Waterproof and frostproof drainage system
- Lightweight shaft elements
- ACO Wotan protective tree grates: No substructure necessary, Simple installation, Modular system
- Special shaft covers, V2A slotted trenches: Paveable, can be used with a load class of up to D400, low maintenance



Drainage solutions along the ACO system chain



The winning design from the planning competition of the City of Kiel: bgmr Landschaftsarchitekten, Ingenieurbüro Obermeyer, Ingenieurbüro Masuch + Olbrich, ifb Frohloff Staffa Kühl Ecker. @Photo: bgmr Landscape Architects, Berlin



The south basin of Kiel's city centre



The north pool with its wooden decks serves a walking and sitting area. ACO DRAIN® Multiline Sealin drainage channels run underneath these decks to collect the surface water.



ACO Combipoint road drain



ACO DRAIN® Multiline Seal in with slotted edge integrates inconspicuously into the open space

Information at a glance

Object: Remodeling Holstenbrücke –
Kleiner Kiel Canal, Germany

Customer/ Investor:

The state capital of Kiel

Contractor/ Installer: ARGE SAW Kiel

GmbH & Co. KG and Erwin Rumpf GmbH
& Co. KG, Schleswig

Year of construction: 2020; four years

ACO Products:

- ACO DRAIN® Multiline Sealin V 100 S,
with a slotted trench
- ACO DRAIN® Multiline Seal in V 100 S,
with slotted grating
- ACO road drain with 300 x 500 edge rails
- ACO Wotan protective tree grates
- Special shaft covers
- V2A slotted trenches

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