

Product information

Systematic XXL drainage

New infiltration channel from Richard Brink

Schloß Holte-Stukenbrock, 22/05/2023. Product innovation

RigoMax from the company Richard Brink satisfies all the requirements of a high-performance drainage solution, from quick collection to filtration, right over to drainage. Additional features such as filter inserts and high load classes make the channel an apt solution for public spaces.

Urban spaces and areas exposed to traffic in particular are not always connected to the sewer system. However, a controlled way of channelling away water is needed, especially during periods of heavy rainfall, where the ground in such areas has largely been sealed with concrete or paving. Richard Brink GmbH & Co. KG has developed the RigoMax infiltration drainage channel for precisely these types of situation. The new product impresses not only with its large proportions but also its many specifically curated details.

Highly effective filtration

Thanks to its bottomless construction, the channel is designed to quickly collect and then gradually drain accumulating rainwater through the gravelled base layers of the respective substrate. It also includes two integrated filter inserts, one of which can be added depending on the intended use and applicable regulations. The first insert sits below the grating and features upturned edges that help hold back coarse dirt such as sand or leaves, and even tyre wear particles and microplastics. The optional second insert is able to filter out substances found in the water such as heavy metals, as is often a requirement for public areas.

From standard to custom solutions

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The metal products manufacturer produces the infiltration channels from 4mm-thick hot-dip galvanised steel or stainless steel as standard. Integrated connection braces and angle connectors fixed to the outside walls, designed to be set in concrete, give the RigoMax increased stability. Depending on the selected grating cover, the infiltration channels are able to withstand wheel loads of between 5 and 10 tons. The channels are available in standard lengths of 1,000 mm and customers can choose from widths of 388 mm, 588 mm or 1,088 mm and heights of between 350 mm and 1,050 mm. The channel's length and height can also be adapted in line with customer specifications. Depending on the version chosen, the channels offer storage volumes of between 90 and 970 litres. Considerably larger dimensions are also possible, with a suitable drainage solution available for even the most demanding of applications and locations.

(approx. 2,580 characters)

The products from the family company, which was founded in 1976, range from dewatering and drainage systems, gravel stops, edging solutions, lawn edgings and edge profiles to wall covers, plant boxes, solar substructures, chimney caps and weathervanes. Find more information at www.richard-brink.de.

Its sister company, Brink Systembau GmbH, is specialised in the trade fair and exhibition business and sells flexible modular construction systems produced by Richard Brink and used, for example, as trade fair walls. They are also suitable for other applications, such as machine enclosures, noise protection, partition walls or display cases. The product range further includes large-scale LED poster displays. These eye-catching displays grab attention even from a distance.

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