**Instant storage for urban spaces**

**Richard Brink presents new water collection channel in XXL**

**Schloß Holte-Stukenbrock, 31/08/2022. When large amounts of precipitation fall down on sealed surfaces, they have to be collected and channelled away to prevent the risk of flooding. With the FerroMax, the company Richard Brink has introduced a water collection channel that can be relied upon to temporarily store even large volumes of water thanks to its considerable holding capacity, before gradually directing it back into the sewer system.**

It is a known problem that tends to affect traffic or residential areas in urban spaces: more and more ground surface areas are being sealed as a result of building development, concreting, asphalting and paving. During times of heavy rainfall, these sealed surfaces are prone to risks such as flooding, as the required level of water permeability is no longer guaranteed. This has led to a growing demand among construction projects for solutions that counterbalance the limited or entirely prevented drainage capacity of these areas.

**Controlled rainwater management**

The new FerroMax from Richard Brink GmbH & Co. KG satisfies precisely these demands. The XXL water collection channel, made from either hot-dip galvanised steel or stainless steel, is ideal for quickly collecting large volumes of precipitation. The solution first temporarily stores the water inside the channel body before feeding it into the sewer system, gradually and in a controlled manner, via drain nozzles. This effectively prevents the system from becoming overloaded.

The frames, which also act as grating supports, are made from 4mm-thick material. The 2mm-thick base feet facilitate the alignment of the channels during installation while also serving as concrete anchors to ensure the channels are firmly secured to the substrate. Connection braces between the frames provide additional stability.

**The right solution for all requirements**

Depending on the type of construction and size of the project, the FerroMax is available in a variety of dimensions. It comes in a standard length of 1,000 mm. With overall widths of between 388 mm (DN 300) and 1,088 mm (DN 1000) as well as installation heights of between 380 mm and 1,130 mm, the channel offers a storage capacity ranging from 102 litres to 900 litres per running metre. The metal products manufacturer is also happy to adapt the width and height to meet customer specifications. The entire system is designed with load classes D 400 to E 600 in mind, with the actual class depending on the concrete foundation properties and the grating chosen to cover the water collection channel.

**(approx. 2,500 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](http://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.