

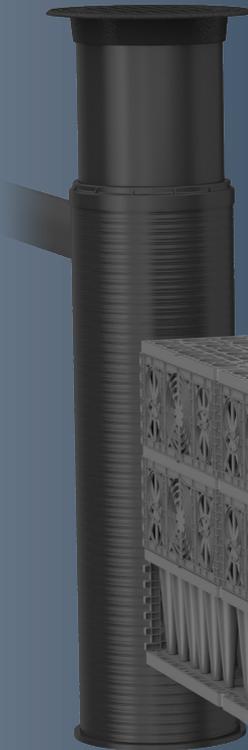


**RainBlock Smart**  
**Technical Datasheet**

**uponor**

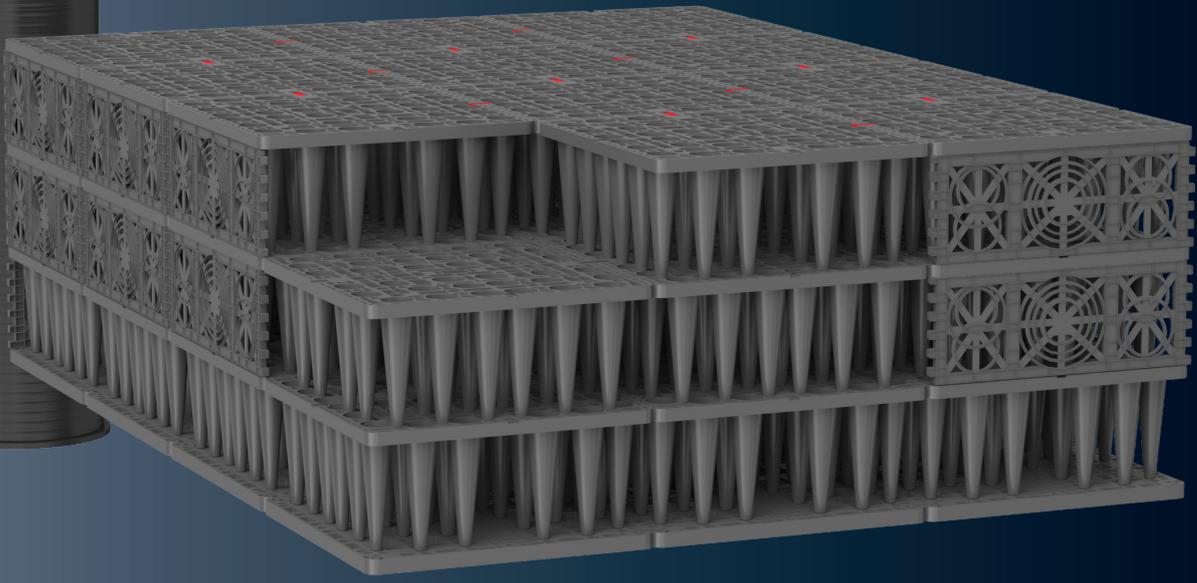


# RainBlock Smart infiltration



**Flexible, strong, and durable design** with a wide installation window.

**Stackable blocks** need less space in the transport and warehouse.



**Body protected blocks** weigh only 10 kg, speeding up installation.

**Easy to inspect and clean** using hydro jetting.

**Sustainable**, made from 100% recycled polypropylene plastic.

## RainBlock Smart infiltration

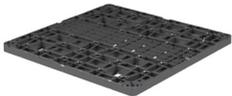
The RainBlock Smart system is an underground structure for storm water infiltration, suitable for the absorption of surface runoff at the source. Infiltration systems are typically used in residential, commercial, or municipal construction projects and near roadways. The system consists of rectangular modular infiltration blocks, base plates, side plates, adapters, and storm water chambers set before and after the block area. The blocks can be installed in rows and many layers.

Application	Storm water infiltration
Material	Polypropylene, 100% recycled
Colour	Black
Storage coefficient	203/211 I, 96%
Ultimate strength kN/m <sup>2</sup>	Vertical 350, lateral 120
Standards	EN 17151
Max. installation depth	5-7,5 m

# Assortment

Infiltration blocks	Name	Weight, kg	Max. installation depth, m	Uponor no	Ref no
	Smart	10	5	1122168	
	Smart Plus	11.5	6	1122235	
	Smart Ultra	12	7,5	1122236	

Infiltration block for storm water. Can be installed in rows and layers. Need bottom and side plates to build up the full system.

Bottom plate	Dimension, mm	Weight, kg	Volume, l	Uponor no	Ref no
	800x800x40	4	24	1122169	

The bottom plate is placed at the bottom of the block area before installing the blocks.

Side plate	Dimension, mm	Weight, kg	Uponor no	Ref no
	295x800x55	1,8	1122170	

The system is closed using side plates. Connection possibilities for 110, 160, 200, and 250 plates in centre, 110 and 160 in top, and 110 and 160 in bottom.

Connecting elements	Package size, pc	Uponor no	Ref no
	25	1134913	

For the horizontal connection of multiple blocks or base plates to one another.

Adapter plate	Size	Uponor no	Ref no
	OD110/160	1122171	
	OD200/250	1122173	
	OD315/400/500	1122174	

Adapter plates provide an easy way to connect storm water pipes to the block area. Mounts on the side plate.

**Moving**  
**> Forward**

**uponor**

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