

DATA SHEET

PRODUCT DESCRIPTION

The JUMBO BLOCK is a modular, heavy-duty and multifunctional system for the storage and retention of liquids. The system enables the safe temporary storage, infiltration and use of various liquids beneath roads, public spaces and industrial areas.

KEY FEATURES

Maximum load capacity:	Traffic load according to EN 1991-2 LM1
Long service life:	Designed for a design working life of 80–120 years according to EN 1990
Low maintenance:	Resistant high-performance concrete
Sustainable:	Efficient use and storage of liquids
Fast & flexible installation:	Modular design

TECHNICAL SPECIFICATIONS

Outer dimensions (L x W x H)	2.5 m x 2.5 m x 2.5 m
Clear width (L x W)	2.0 m x 2.0 m
Clear height	2.5 m (floor slab to cover slab)
Total volume	15.6 m ³
Storage capacity	13.9 m ³
Material	High-performance concrete
Reinforcement	Steel reinforcement / fibre reinforcement / hybrid reinforcement
Slab thicknesses	from 120 mm
Dead weight (dry)	approx. 4.2 t
Cover	Slabs, pavement structure, soil
Fields of use	Traffic areas, industry, airports, urban development
Assembly system	Modular interlocking assembly with outer cover slabs
Fastening systems	Loose, bolted, bonded – depending on application



FUNCTIONALITY

Storage and retention of liquids, including rainwater, floodwater, industrial water and firefighting water
Optional rapid infiltration with strip foundations
Optional integrated sedimentation and filtration systems
Suitable for heavy-duty areas with extremely high loads
Modularly expandable – flexible sizing to suit each project

APPLICATIONS

Road construction & traffic areas
Urban development & flood protection
Industry & logistics centres
Airport infrastructure
Firefighting water supply & industrial water storage
Renaturation & water management projects

INSTALLATION & MAINTENANCE

Laying:	Directly on a prepared, load-bearing subgrade
Connection:	Module connection via precisely fitting elements
Maintenance:	Access via inspection openings (optional)

CONTACT

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