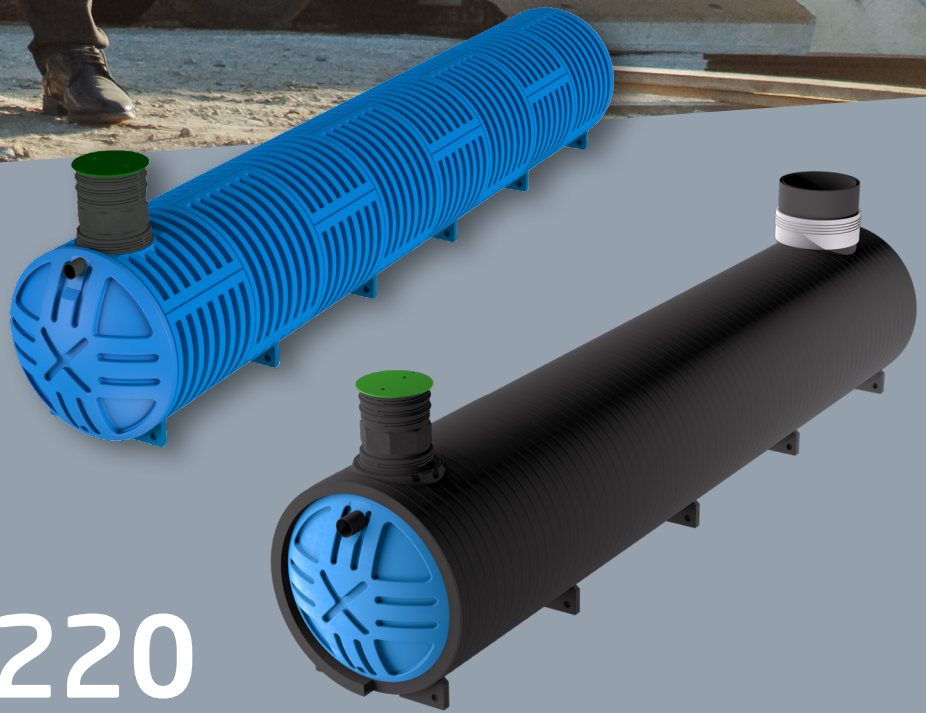




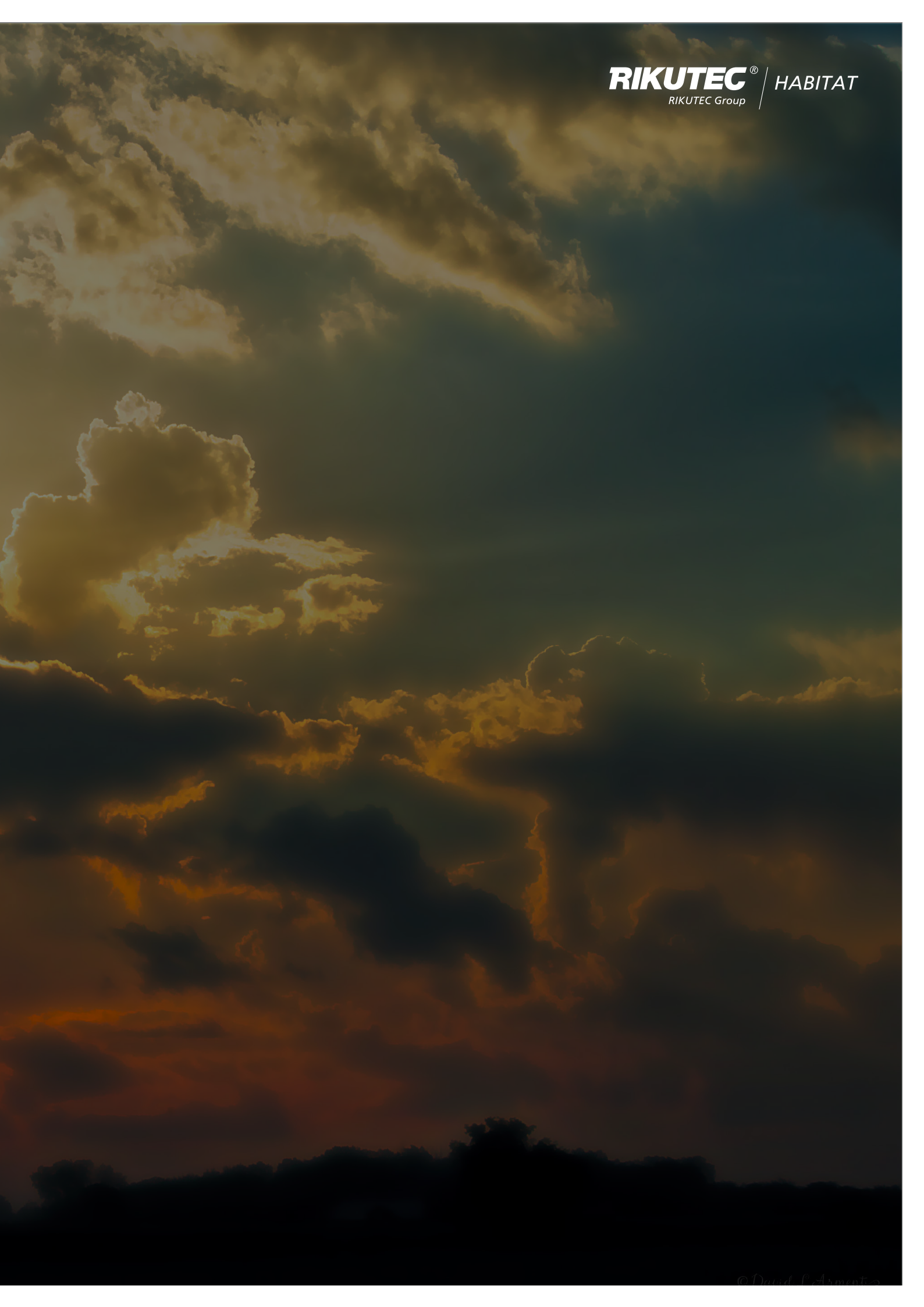
RIKUTEC SERIES 204 AND 220

INDIVIDUAL SOLUTIONS FOR YOUR LARGE-SCALE PROJECTS



INCREASING CHALLENGES REQUIRE INNOVATIVE SOLUTIONS

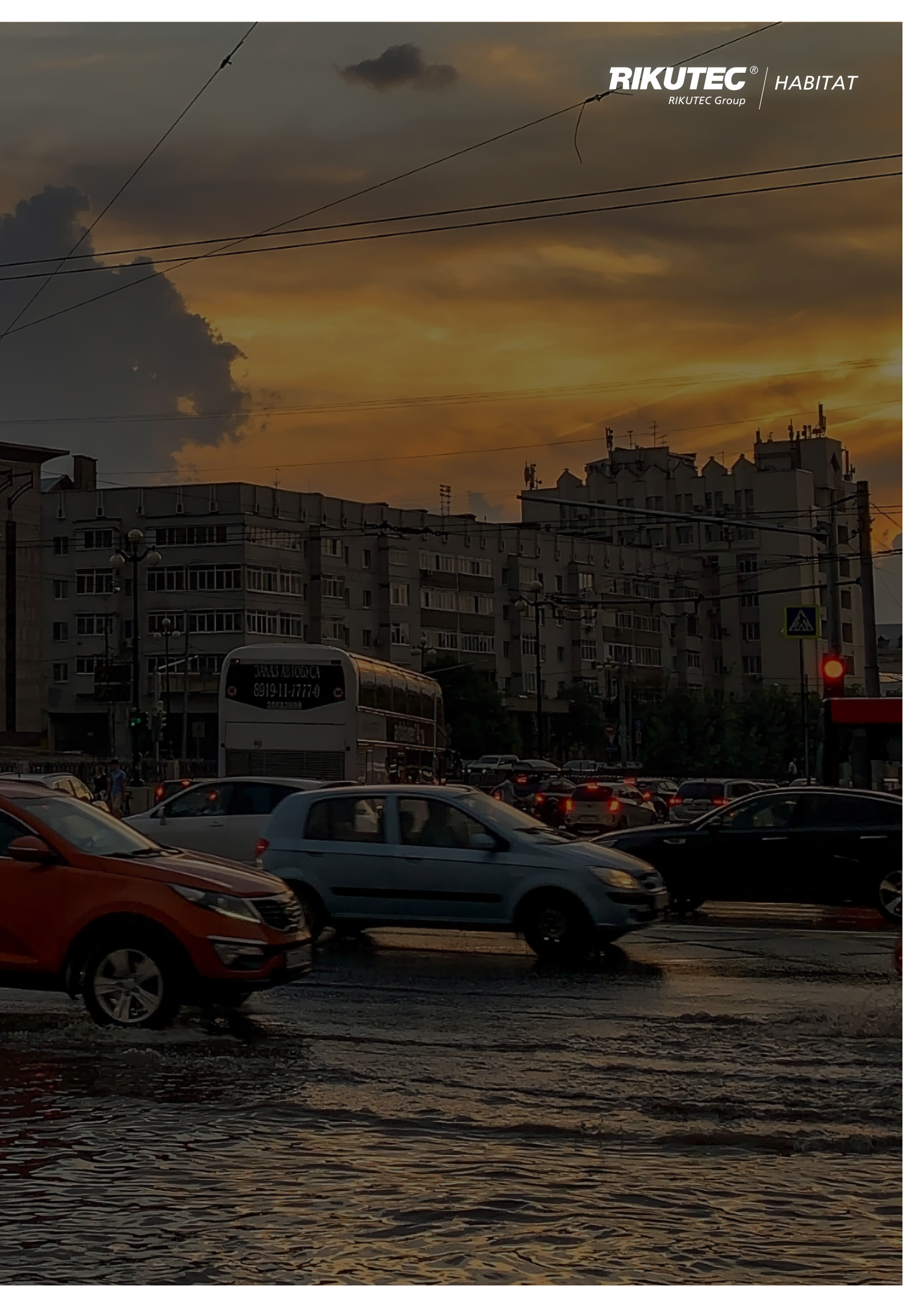
Many public sewer systems were designed at a time when extreme weather events were much less frequent. Today, it is evident that these infrastructures are often no longer sufficient to safely manage large volumes of water. As a result, municipalities are increasingly mandating the use of retention tanks or other storage solutions in new developments to regulate water flow and minimize flood damage. Likewise, the secure and efficient storage of drinking water and fire water is becoming increasingly important — whether for commercial, industrial, or municipal large-scale projects.



THE IMPORTANCE OF LARGE-VOLUME TANKS IN MODERN INFRASTRUCTURE

Extreme weather events such as heavy rainfall, severe storms, and prolonged droughts are increasing worldwide. These climatic changes pose significant challenges for municipalities, businesses, and private households. In particular, torrential downpours can quickly overwhelm existing drainage systems, leading to flooding, extensive damage, and rising restoration costs. At the same time, the demand for secure management of drinking water and fire water reserves is steadily increasing.





LARGE-VOLUME TANKS AS THE KEY TO SUSTAINABLE WATER MANAGEMENT

Reliable Water Storage for Various Applications

Modern tank solutions ensure safe and efficient water storage for a wide range of applications. Whether for rainwater retention, fire water storage, or a secure drinking water supply, these high-capacity tanks play

a crucial role in future-proof infrastructure. They help reduce costs, minimize risks, and ensure long-term sustainability.



Tailor-Made Solutions for Growing Demands

More than just storage capacity, modern tank systems must meet increasing demands in planning, installation, size, load capacity, and application-specific requirements. Customization is key: integrated

connections, built-in components, and individually designed systems ensure seamless adaptation to specific needs. This guarantees maximum flexibility, efficiency, and reliability across various industries.





204 & 220 SERIES – PIONEERING SOLUTIONS FOR DEMANDING PROJECTS

With our large-volume tanks 204 & 220 Series, we offer tailored solutions for the challenges of today and tomorrow. Backed by decades of expertise, countless successful projects, and a strong base of satisfied customers, we continue to set industry standards.

Featuring high storage capacities, robust construction, and customizable configurations, our tanks are ideal for a wide range of applications in water management, fire protection, and beyond. Over the years, we have provided reliable solutions for various industries,

including municipal infrastructure, agriculture, industrial manufacturing, and energy production.

Our commitment to quality and innovation helps mitigate critical supply situations, minimize damage caused by extreme weather events, and support the sustainable development of large-scale projects. Whether for urban water security, emergency preparedness, or industrial processes, the AT204 and AT220 deliver performance you can trust.



APPLICATION AREAS

COOLING SYSTEMS

Storage and circularion of
water for cooling circuits

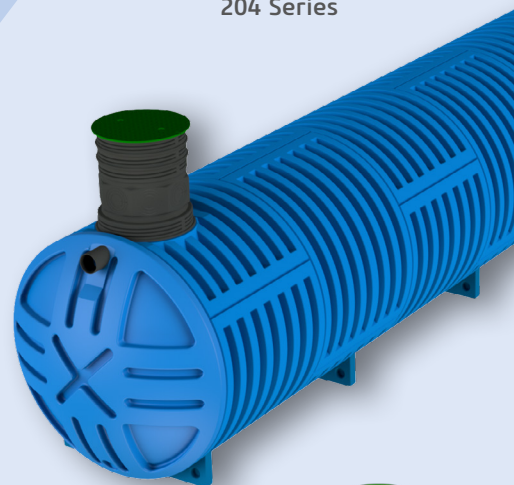
RAINWATER

Storage and utilization for
irrigation or industrial purposes

DRINKING WATER

Safe storage of drinking water
thanks to food-grade HDPE quality

204 Series

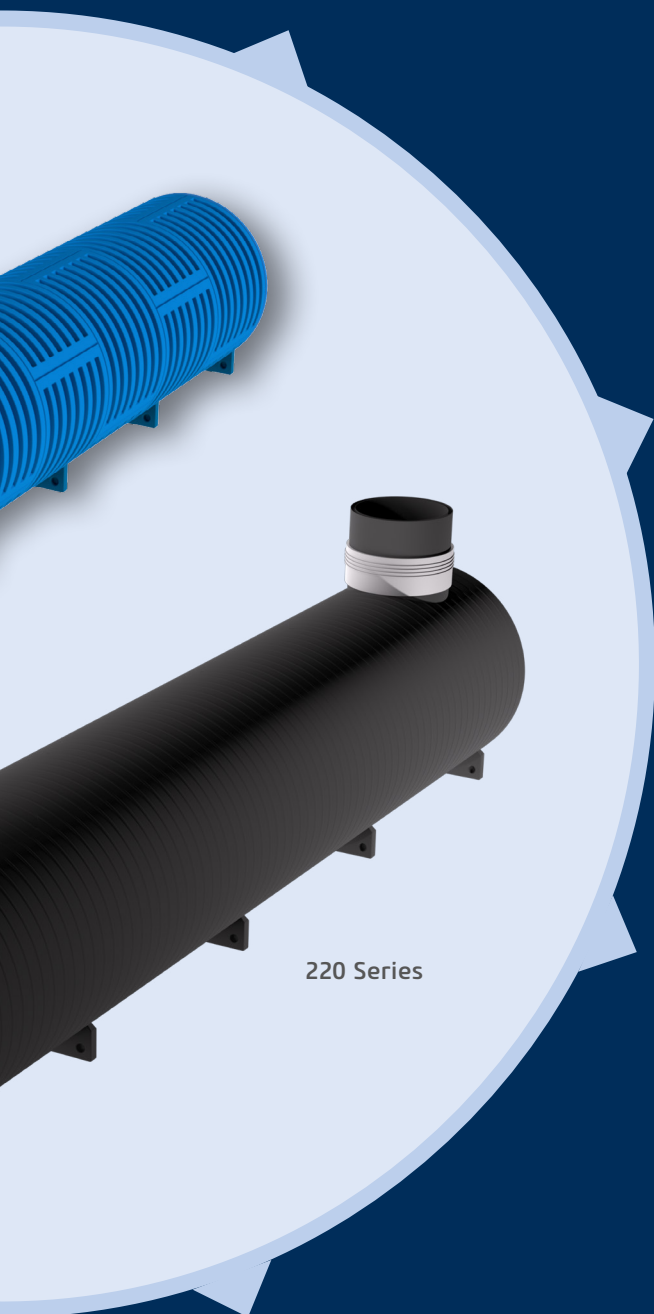


CUSTOM SOLUTIONS

Tailor-made solutions to meet
specific customer needs and
applications

FIREFIGHTER WATER

Ensuring water reserves for fire protection systems



220 Series

SURGE WATER

Buffering of water flows in swimming pools or industrial processes

WASTE WATER

Collection and treatment systems for domestic and industrial wastewater

STORMWATER

Efficient collection and storage of stormwater to prevent flooding and support sustainable water management.

204 Series – The Versatile Solution for Private and Industrial Applications

Designed for demanding applications, offering reliability and efficiency in various environments.

CHARACTERISTICS

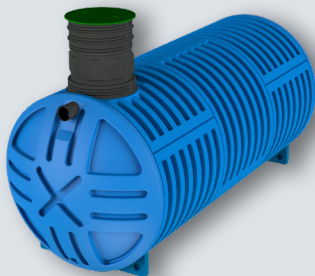
- Double-Walled Design – Smooth inner wall with outer ribbing for stability
- Flexible Volume Options – Available from 5,000 to 52,500 liters
- Lightweight & Durable – Made of HDPE, significantly lighter than concrete or steel
- Truck-Loadable (SLW 30, 11.5 t Axle Load) – Drivable cover available as an accessory
- *Groundwater-Stable – Resistant up to the center of the container body
- Additional Manhole Shafts – Available for tanks from 8,500 liters and above
- Customizable Connections – Intermediate sizes, inlets, and overflows from DN 150 to DN 400 on request
- Modular Configuration – Tanks can be installed side by side or connected in series



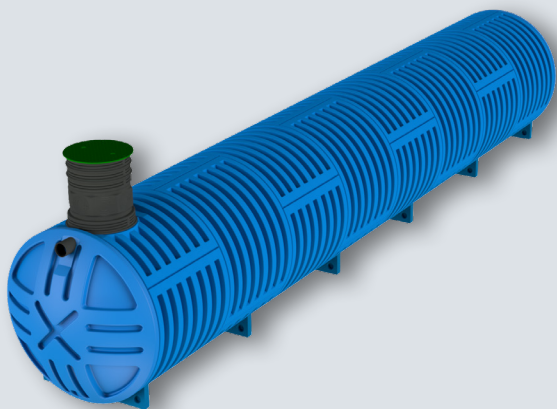
Technical data



RIKUTEC 204 Series
8.500 ltr.

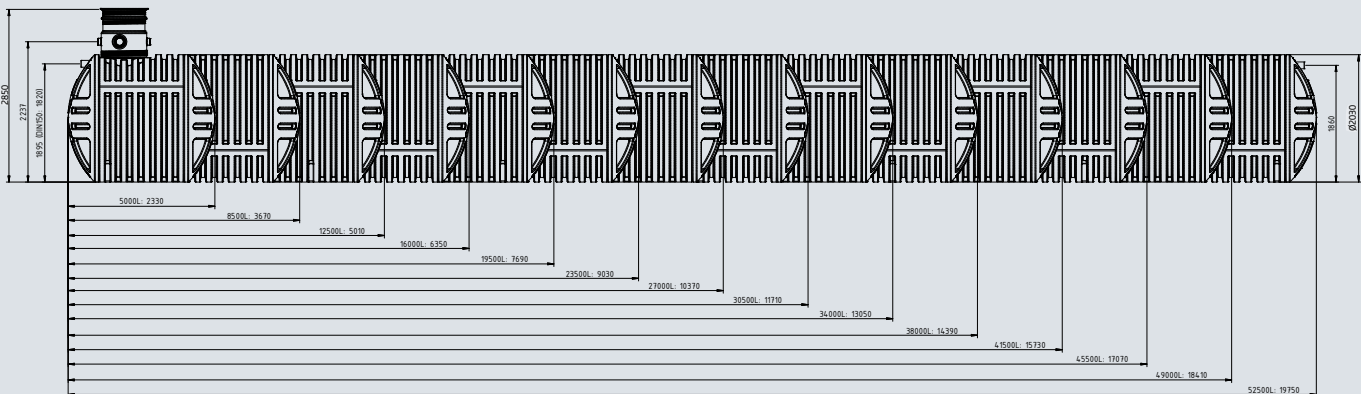


RIKUTEC 204 Series
12.5000 ltr.



RIKUTEC 204 Series
30.500 ltr.

Volume (ltr.)	Length (mm)	Width (mm)	Height with dome (mm)	Weight (kg)
5.000	2.330	2.024	2.850	365
8.500	3.670	2.024	2.850	560
12.500	5.010	2.024	2.850	755
16.000	6.350	2.024	2.850	955
19.500	7.690	2.024	2.850	1.145
23.500	9.030	2.024	2.850	1.340
27.000	10.370	2.024	2.850	1.550
30.500	11.710	2.024	2.850	1.750
34.000	13.050	2.024	2.850	1.950
38.000	14.390	2.024	2.850	2.150
41.500	15.730	2.024	2.850	2.350
45.500	17.070	2.024	2.850	2.670
49.000	18.410	2.024	2.850	2.880
52.500	19.750	2.024	2.850	3.080



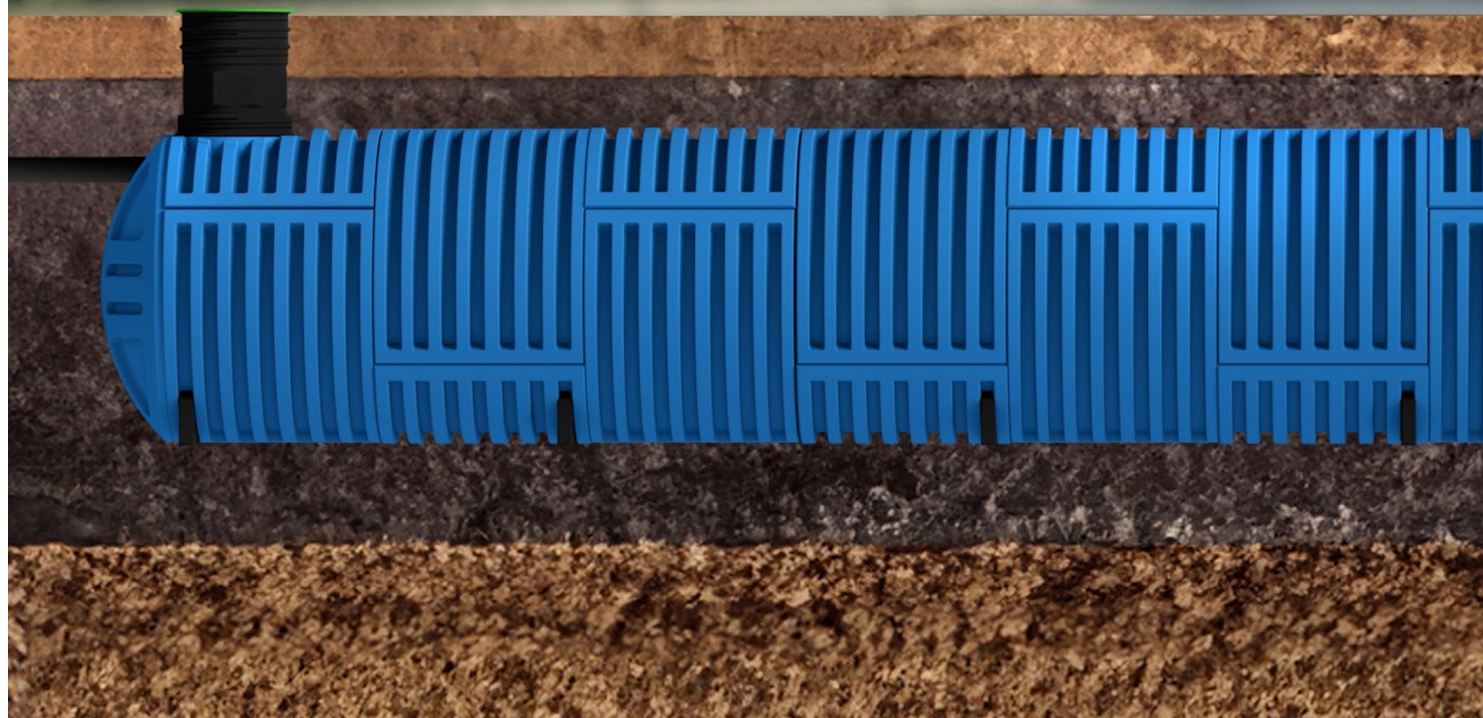
204 Series

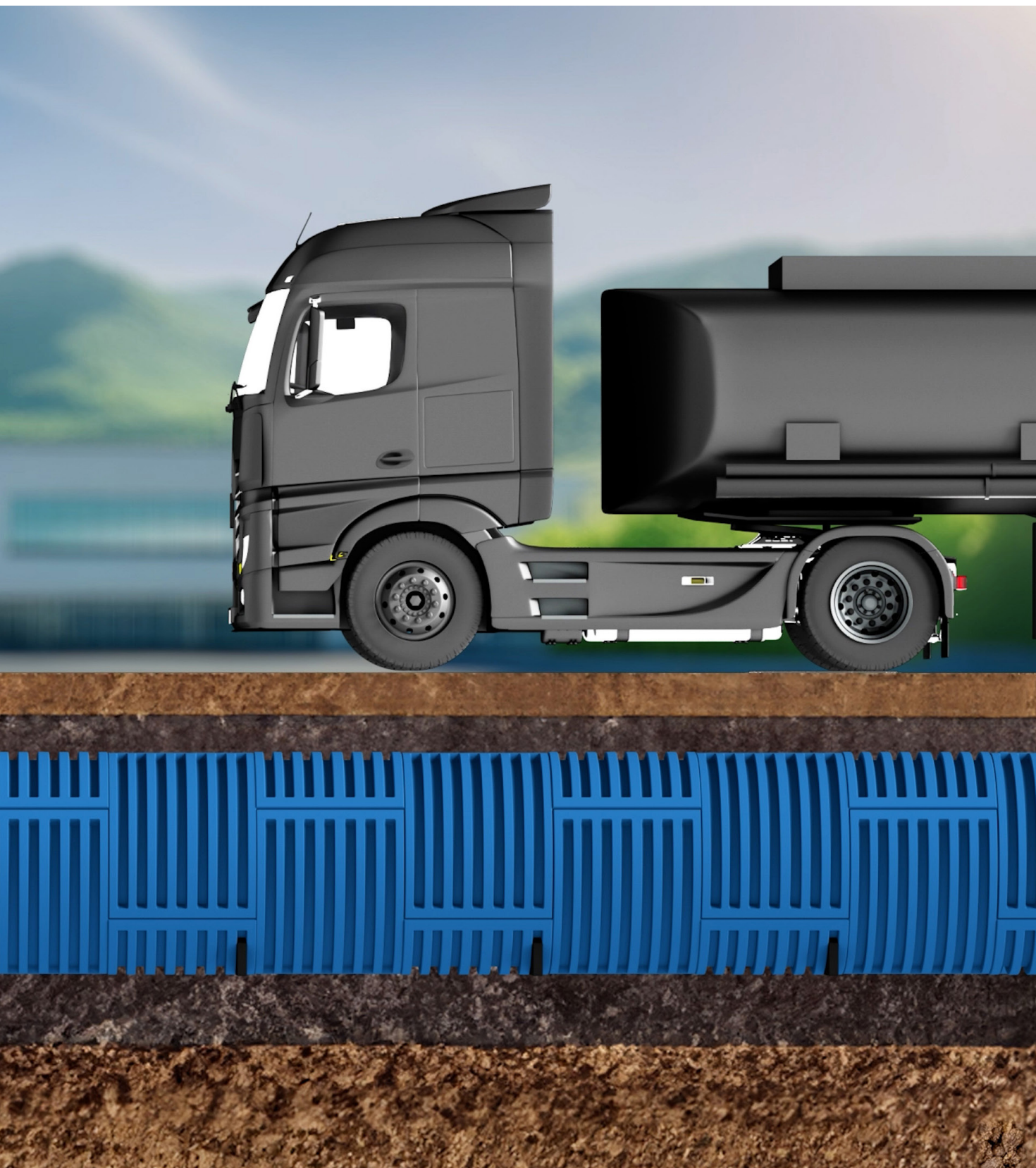


Car accessible
Up to 2.2t axle load
Maximum total weight
4.4t



SLW 30
Up to 13.0t axle load
Maximum total weight
30,0t





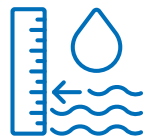
220 Series – Maximum Performance for Extreme Requirements

Built for the highest demands, providing ultimate customization and handling the most extreme loads

CHARACTERISTICS

- Adjustable Volume – Tailored to project-specific requirements
- Customizable Tank Diameter – Available in DN 1400, DN 1600, DN 1800, DN 2000, DN 2400
- Truck-Loadable up to SLW60 – No load distribution plate required
- Flexible Connections – Configurable up to DN 400
- Adjustable with a partition wall and pump sump
- Suitable for Above-Ground Installation – Tank is equipped with feet
- Groundwater-Stable Design – Reliable even in challenging conditions
- Installation depth with up to 2.0 m of soil cover
- Manhole shafts are available in sizes DN 400, DN 600, DN 800, and DN 1000, with freely selectable positioning

25.000 ltr.
(Exemplary illustration)



Groundwater stable



Resilient SLW60

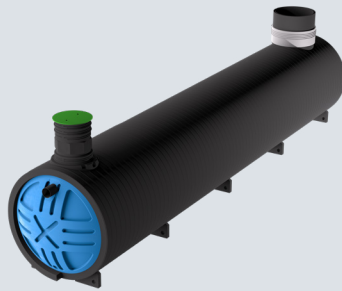


20-year warranty

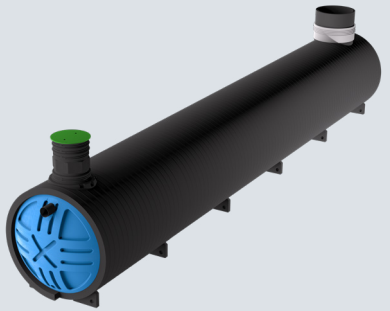
Technical data



RIKUTEC 220 Series
10.000 ltr.



RIKUTEC 220 Series
25.000 ltr.



RIKUTEC 220 Series
40.000 ltr.

Volume ltr.	Length mm	Width* mm	Weight* kg
10.000	3.880	230	1395
15.000	5.470	230	1905
20.000	7.060	230	2415
25.000	8.650	230	2926
30.000	10.250	230	3439
35.000	11.840	230	3949
40.000	13.430	230	4459
45.000	15.020	230	4969
50.000	16.610	230	5480
55.000	18.200	230	5990
60.000	19.790	230	2350

*Based on SN8 Version

220 Series



SN2

Car accessible
Up to 2.2t
axle load
Maximum total
weight 4.4t



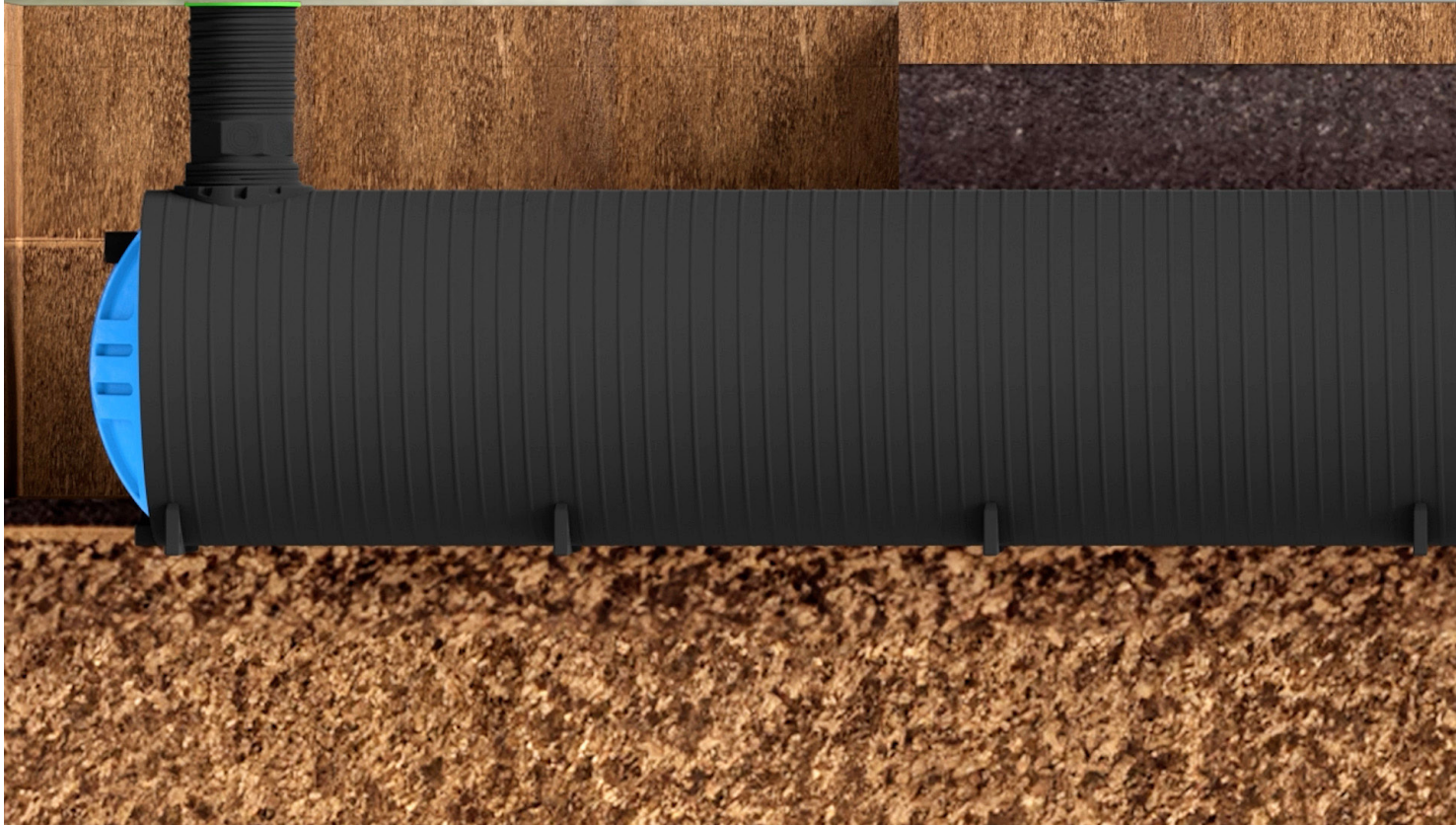
SN4

SLW30
Up to 13.0t
axle load
Maximum total
weight 30.0t



SN8

SLW60
Up to 20.0t
axle load
Maximum total
weight 60.0t





An aerial night photograph of a city street scene. A large, multi-story building in the center has a massive fire on its roof, with bright orange flames and thick black smoke rising into the dark sky. The surrounding city is illuminated by streetlights and building lights, creating a high-contrast scene. The fire is the central focus, highlighting the need for fire water storage systems.

FIRE WATER STORAGE

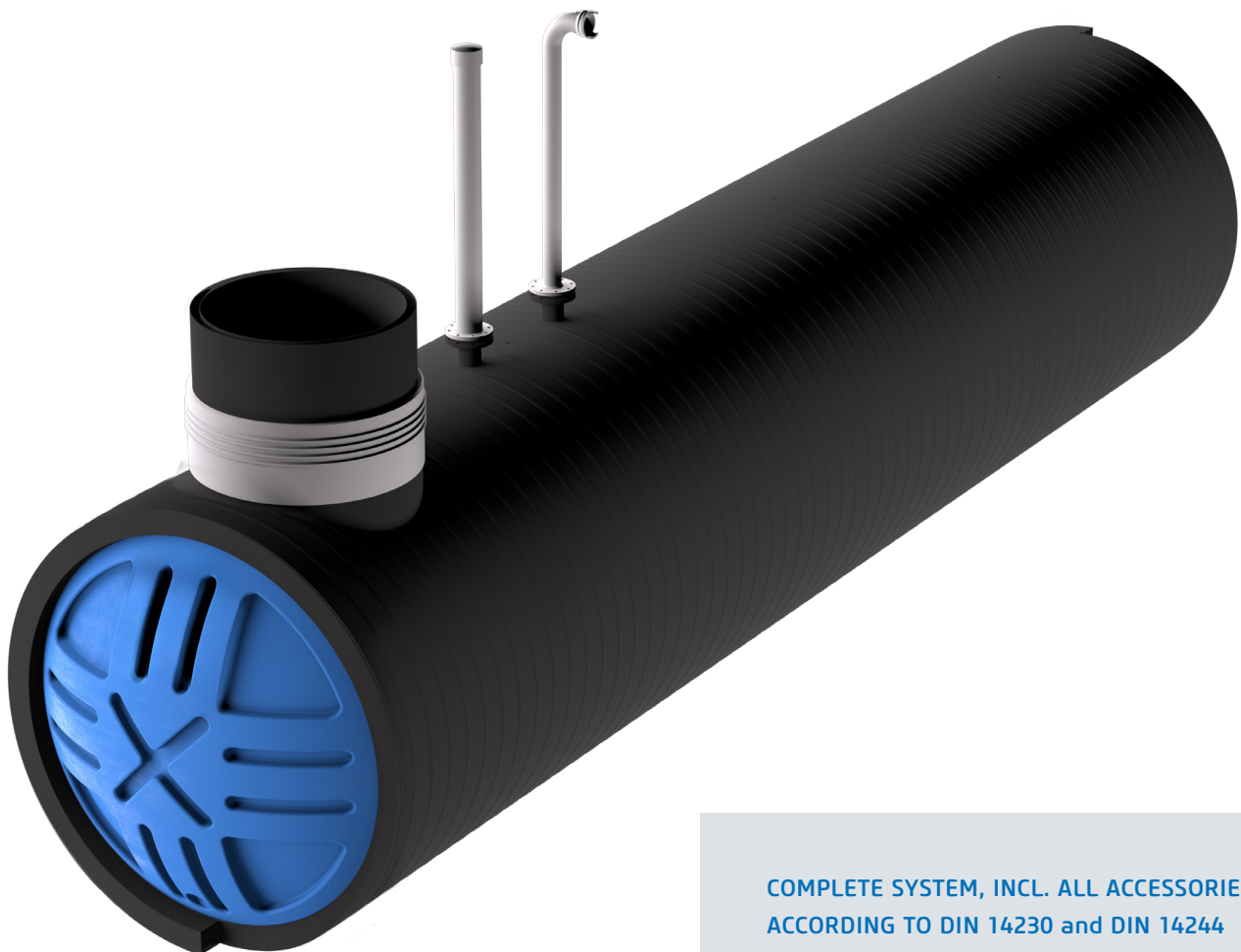
Reliable Safety in Case of Emergency

Fires are unpredictable and demand a rapid response. In industrial facilities, commercial areas, or remote locations, a reliable fire water supply is crucial. However, public water networks are not always sufficient—this is where fire water tanks provide a secure and independent solution. They ensure immediate access to large water volumes, meeting the highest fire protection standards. Whether installed above or underground, modern tank systems integrate seamlessly into any safety concept.

100 % DIN-COMPLIANT FIRE WATER TANKS – YOUR PLANNING, OUR SOLUTION

Our fire water tank is available in sizes ranging from 15.000 to 150.000 liters.

- Truck-accessible up to SLW 60 without a load distribution plate
- Telescopic manhole shaft for individual adjustment to the terrain level
- Manhole shaft systems up to DN 1000
- Groundwater-stable
- Up to 85.000 liters volume possible without special transport



COMPLETE SYSTEM, INCL. ALL ACCESSORIES
ACCORDING TO DIN 14230 and DIN 14244

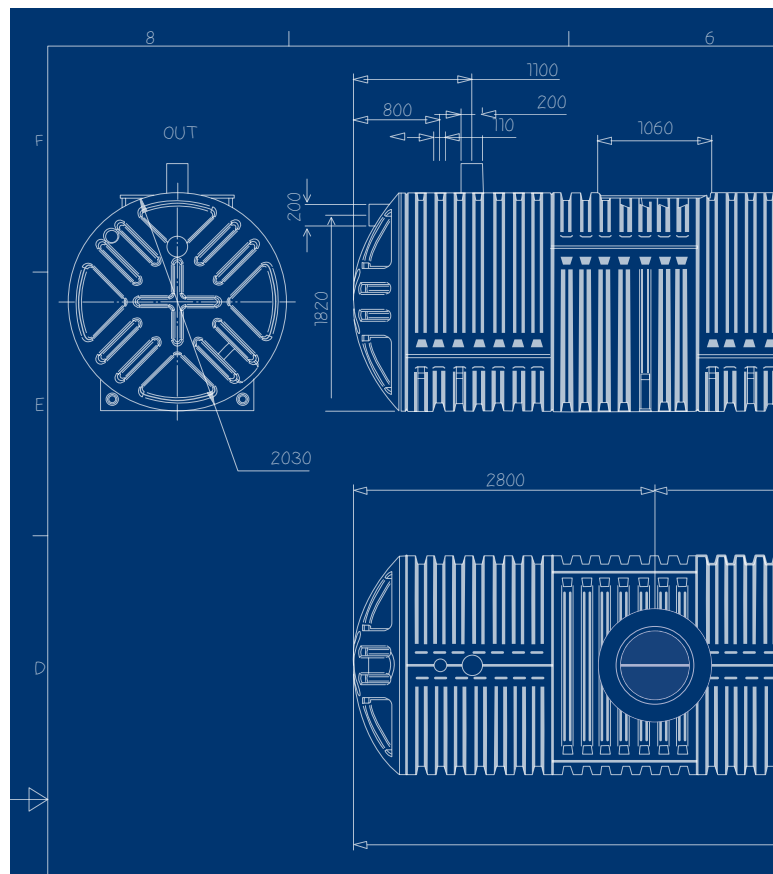
CUSTOM SOLUTIONS

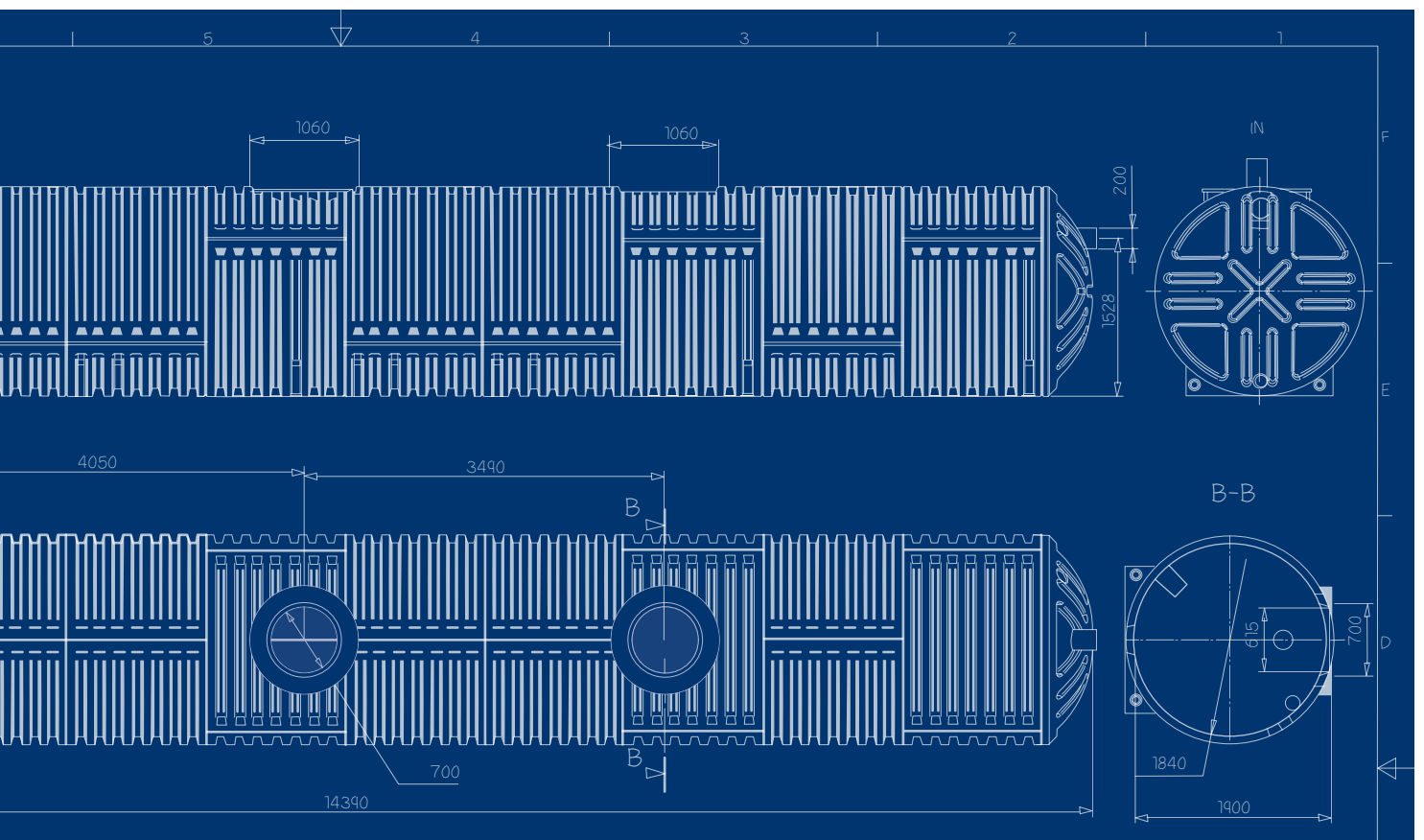
Flexibility for Demanding Projects

No project is the same —that's why we offer tailor-made tank systems that adapt precisely to your requirements. From manhole versions (DN 400–DN 1000), flexible fittings and connections (up to DN 400), partitions, or access ladders, we provide customized solutions that seamlessly integrate into your planning concept.

Planning reliability and technical precision are our top priorities: You define the requirements – we make them a reality.

Our technical office is happy to assist you in designing your specific project anywhere in Europe.





MANHOLE VERSIONS



Manhole Shaft Typ 3

- With 4 connection options DN100
(2 × spigot and 2 × socket)
- Height: 855 mm
(can be shortened by 155 mm)
- Ø min: 626 mm, max: 725 mm
- Complete with seal



Manhole Shaft Typ 5

- Adjustable to 3 heights
from 580 mm to 800 mm
- Diameter: 600 mm
- 8 possible connections up to 200 mm
- Complete with seal



Manhole Shaft Quick Easy

- With 2 integrated filter
connections DN 100 and 4
additional connection surfaces
DN 100
- Includes integrated filter holders
- Height: 810 mm (can be shortened
by 112 mm or 224 mm)
- Ø min: 682 mm, max: 744 mm
- Complete with seal



Manhole Shaft Mini

- Designed for direct mounting on
the tank container
- Height: 250 mm
- Ø min: 626 mm, max: 725 mm
- Complete with seal



Telescopic shaft DN 800

- Flexible height adjustment –
The telescopic design allows for
individual adaptation to the terrain
- Optimal sealing – The integrated
seal ensures a reliable and tight
connection
- Robust construction –
High-quality materials guarantee
durability and resistance to stress
- Maintenance-friendly –
Easy access for inspections
and maintenance work



Telescopic shaft DN 1000

- Flexible height adjustment –
The telescopic design allows for
individual adaptation to the terrain
- Optimal sealing – The integrated
seal ensures a reliable and tight
connection
- Robust construction –
High-quality materials guarantee
durability and resistance to stress
- Maintenance-friendly –
Easy access for inspections
and maintenance work

TECHNICAL SUPPORT & DATA PACKAGES

Your Planning, Our Expertise

Precise planning requires reliable data and expert support. Our technical support team is available from the initial concept phase to the final project design, providing guidance on product specifications, custom adaptations, and feasibility analyses. Our sales team offers expert knowledge and practical solutions tailored to your needs.

To ensure seamless integration into your planning software, we provide comprehensive data packages, including: **Have specific requirements? No problem.** Whether it's custom formats, project-specific adjustments, or additional calculations — we deliver the exact data you need for your planning.

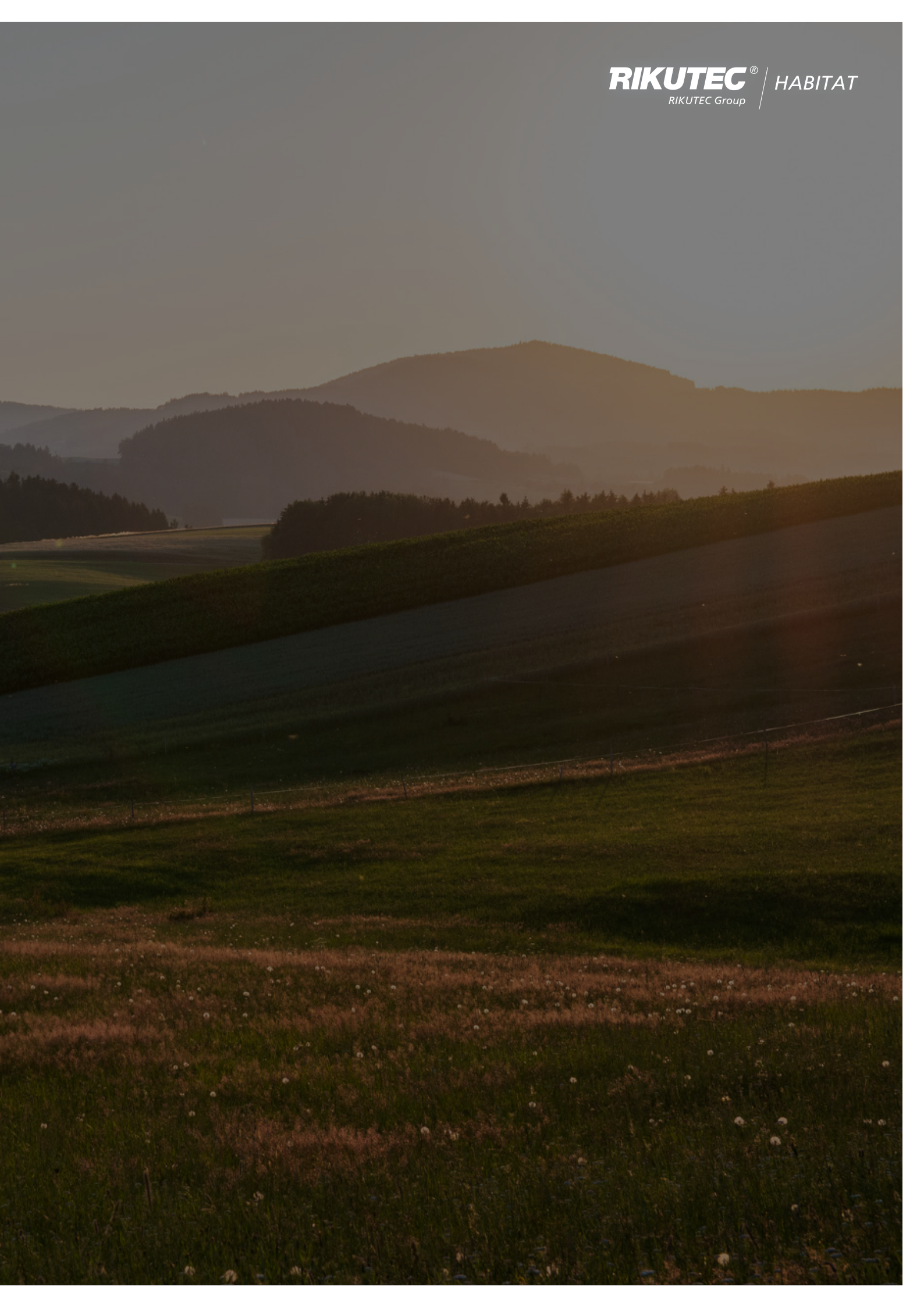
Contact us today!

- **BIM** data for efficient digital planning
- **2D/3D drawings** for precise modeling
- **Renderings & visualizations** for project presentations
- **Technical specifications & interfaces** for accurate integration

TOGETHER FOR A SUSTAINABLE FUTURE

For RIKUTEC, sustainability is more than just a promise – it is a lived responsibility. Our goal is to develop durable products that conserve resources and benefit future generations. With our tanks made from 100% recyclable HDPE, we actively promote the circular economy. Thanks to energy-efficient production and short supply chains, we sustainably reduce the CO₂ footprint.

Our solutions enable the efficient use of valuable resources such as rainwater and support diverse applications in retention and fire water supply. In doing so, we make a significant contribution to building sustainable infrastructures and shaping an environmentally conscious future together.



SERVICE WE ARE HERE TO HELP YOU!

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