

# CONSTRUCTION INDUSTRY



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» MOBILE AND FLEXIBLE INFRASTRUCTURE  
RENOVATIONS, CIVIL ENGINEERING, SAFETY  
AND SECURITY, AND PERSONNEL AREAS







## » RÖDER CONSTRUCTION INDUSTRY

Space solutions for renovations, civil engineering, site safety and security, and personnel areas.

## MOBILE INFRASTRUCTURE

### RÖDER GROUP

The RÖDER Group is an internationally successful specialist for mobile and modular space solutions. With more than 500 dedicated employees in 10 locations, the company impresses with its quality, know-how and services along the entire value added chain of temporary and stationary buildings.

From development, design and production, to marketing, the RÖDER Group is a premium manufacturer. The company's strengths are individuality and the diversity in application of its flexible tent and hall systems. The RÖDER Group therefore offers the right space solution for all requirements.

With its division in the **CONSTRUCTION INDUSTRY**, the RÖDER Group has specialized in the mobile infrastructure for construction sites. Through their features and diverse possibilities for outfitting, the mobile and flexible space solutions are tailored specifically to the **renovation, civil engineering, site safety and security, and personnel area segments**.

Learn which tent and hall systems would best suit your requirements by speaking with us in person. Your RÖDER team will be happy to advise you on an individual and exact solution for your space!







CIVIL  
ENGINEERING

RENOVATION

EVERY PROJECT IS DIFFERENT

The RÖDER Group supports renovation projects and construction companies with safe, high-quality hall systems adapted to the requirements of the respective project. The systems are manufactured according to current construction standards and can be installed onto practically any ground using different anchoring systems. Protective covering over renovation projects allows the necessary work to continue effectively and efficiently at all times.

1. Soil remediation

In the field of soil remediation, the RÖDER Group offers hall systems for exchanging contaminated soils. A **directed air current** can be created in **these air-tight, opaque halls** to ensure the contaminated dust particles remain contained within and therefore present no danger to man or nature. **Personnel and vehicle airlocks** additionally ensure safe access to and from the halls at all times. The physical separation of inner and outer shell reduces the costs for **decontamination after** the remedial action.

2. Bridge renovation

The hall systems by RÖDER CONSTRUCTION INDUSTRY guarantee work in all **weathers and during all times** of the day. The flexible systems can be installed either **stationary or on rails**. Foreseeable costs, modular designs and availability at short notice ensure a significant **competitive edge and allow easy adherence to schedules**.

3. Building renovation

Given their independence of weather conditions and modularity, **enclosures and sheltering systems** by the RÖDER Group can contribute significantly towards the timely completion of repairs and renewal of structural elements, building sections or entire buildings.

4. Maintenance and modernization of plants

Maintenance and modernization of plants help to maintain and increase their value. Given their low weight, the hall systems can be installed with different widths, **lengths and grid spacings onto roofs**, for example, for subsequent renovation work. Sealed systems allow safe and compliant working with hazardous materials. Temporary zone heating, lighting or air-conditioning systems can be individually adjusted.



BENEFITS AND ADDED VALUE

Sealed, opaque hall systems
Directed airflow
Personnel and vehicle airlocks
Flexible and modular
Numerous anchoring variants
Work in all weathers
Adherence to fixed schedules
Stationary or mobile installation (on rails)
Rapid availability
Rent, buy or rent-to-buy





## » CONTROL AND PROTECTION

Protection against sabotage, theft and unauthorized access.



## CONSTRUCTION SITE SAFETY & SECURITY

Economy in terms of investment volume and timely completion is a priority for every project. Predictability of time, material and personnel requirements, safety and cost-optimized methods are crucial success factors. The hall systems by the RÖDER Group can make an important contribution in **this respect by preventing theft and material loss.**

As **material stores, assembly halls or vehicle hangars**, the systems provide ample protection against external influences. Trapezoidal sheet metal or sandwich panel facade elements increase security against burglary. This considerably increases security on construction sites and reduces costs. The systems can serve as anti-theft measures for machines, materials and supplies, or weather protection for personnel and assembly work.

The hall systems are structurally tested and, despite being only temporary, are comparable with conventional solid halls in terms of stability and utility. Given constant mobility, the systems can be built up and broken down in the shortest of times. Depending on the application, different temperature zones can be created by adding interior gables, thereby allowing effective and efficient work. All RÖDER hall systems can be equipped with various door and gate systems, tarpaulins for condensed water protection, gutters, lighting, ventilation and even mobile heating systems and thermal tarpaulins.

The RÖDER Group offers the best fitting space solution for the project, either to rent or to buy. **Various rent-to-buy models and full services provision ensure predictable costs at the same time as high flexibility.**

## SAFE AND COST-OPTIMIZED





## PERSONNEL AREAS

In large-scale and in medium-to-long-term construction sites in particular, it is essential to install personnel areas for comfort of the workers. **Kitchens, canteens, showers and changing rooms** can be installed flexibly and promptly using the various tent and hall systems by the RÖDER Group.

Personnel areas can be fitted out with permanent wall cladding, non-slip floors and connectivity for supply and return lines. Furthermore, the systems can be adapted in length, width and height to the respective needs.

Side glass panels, vibration-free floors, double-winged doors with panic lock, ramp crossings to the respective constructions, and heating, A/C and ventilation systems turn the personnel area a wellness area for the workers.

## SPACE FOR PERSONNEL

## » WORKING ATMOSPHERE AND TEAM SPIRIT

Personnel areas lastingly improve the working atmosphere, foster team spirit and are a strong motivation factor.





## » PREDICTABLE AND ECONOMICAL

With flexible and modular widths, lengths and heights, RÖDER hall systems adapt to the special, customer-oriented and spatial requirements.





# TAILORED SOLUTIONS

The hall systems by RÖDER CONSTRUCTION INDUSTRY can be built up and broken down quickly, easily and without asset erosion thanks to their sturdy and solid connector elements. The clever interplay of all load-bearing and connecting elements guarantees structurally tested high stability. The halls can also be installed using different methods, systems and wind loads. Directed airflow, hall tightness and negative pressure can be produced using the appropriate cladding. RÖDER hall systems can be individually adapted in shape, width, length and height.

## FLEXIBLE AND MODULAR

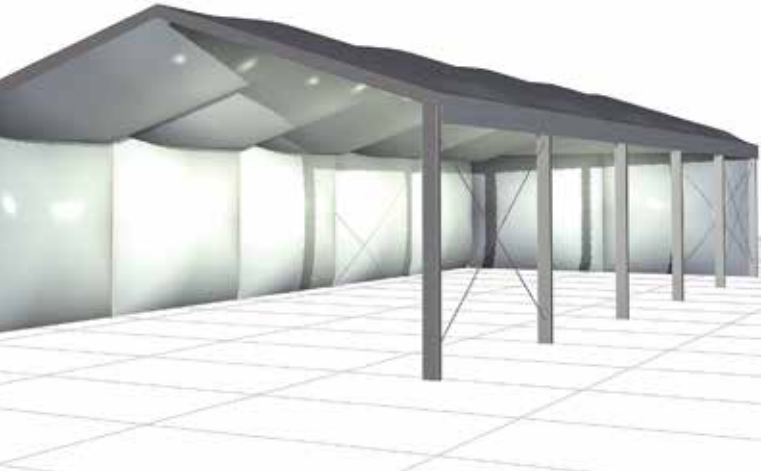


- 1. HEAVY-DUTY ANCHORS OR PEGS**  
Depending on the type of ground or soil composition, RÖDER hall systems can be fastened to existing onsite foundations or fastened to the ground using structurally calculated pegs. These require no foundation. This reduces the cost and time factors while also facilitating ease of removal.
- 2. SECURE INSTALLATION ONTO PRACTICALLY ANY GROUND**  
In many cases, the ground conditions on construction sites are uneven. Installing secure shelters is complicated by soils, undulations and slopes that prevent the creation of foundations. The RÖDER systems offer suitable options and solutions for secure and ergonomic installation. The RÖDER Group delivers a reliable solution to compensate for this, using pile foundations, correction plates, extensions and adapters.



**ANCHOR-FREE INSTALLATION**

If no pegs or heavy-duty anchors can be used, then ballasting systems will be required that can be individually adapted to the local conditions. Despite their high weight, RÖDER ballasting solutions are discreet and space-saving.



**HIGH DEGREE OF AIRTIGHTNESS FOR DIRECTED AIRFLOW**

During soil remediation, directed airflow is of great importance for protecting man and environment against hazardous materials. RÖDER hall systems achieve a high degree of airtightness using special sealing measures and physical separation of inner and outer shells. Employing these systems allows the halls and equipment used to be decontaminated afterwards with little effort.



**MOBILE VERSION**

Expansive construction sites are often worked on in subsections. Accordingly, shelters should be easily and flexibly movable. The mobile and wheeled hall systems can be placed exactly over the respective construction site area with minimal effort.

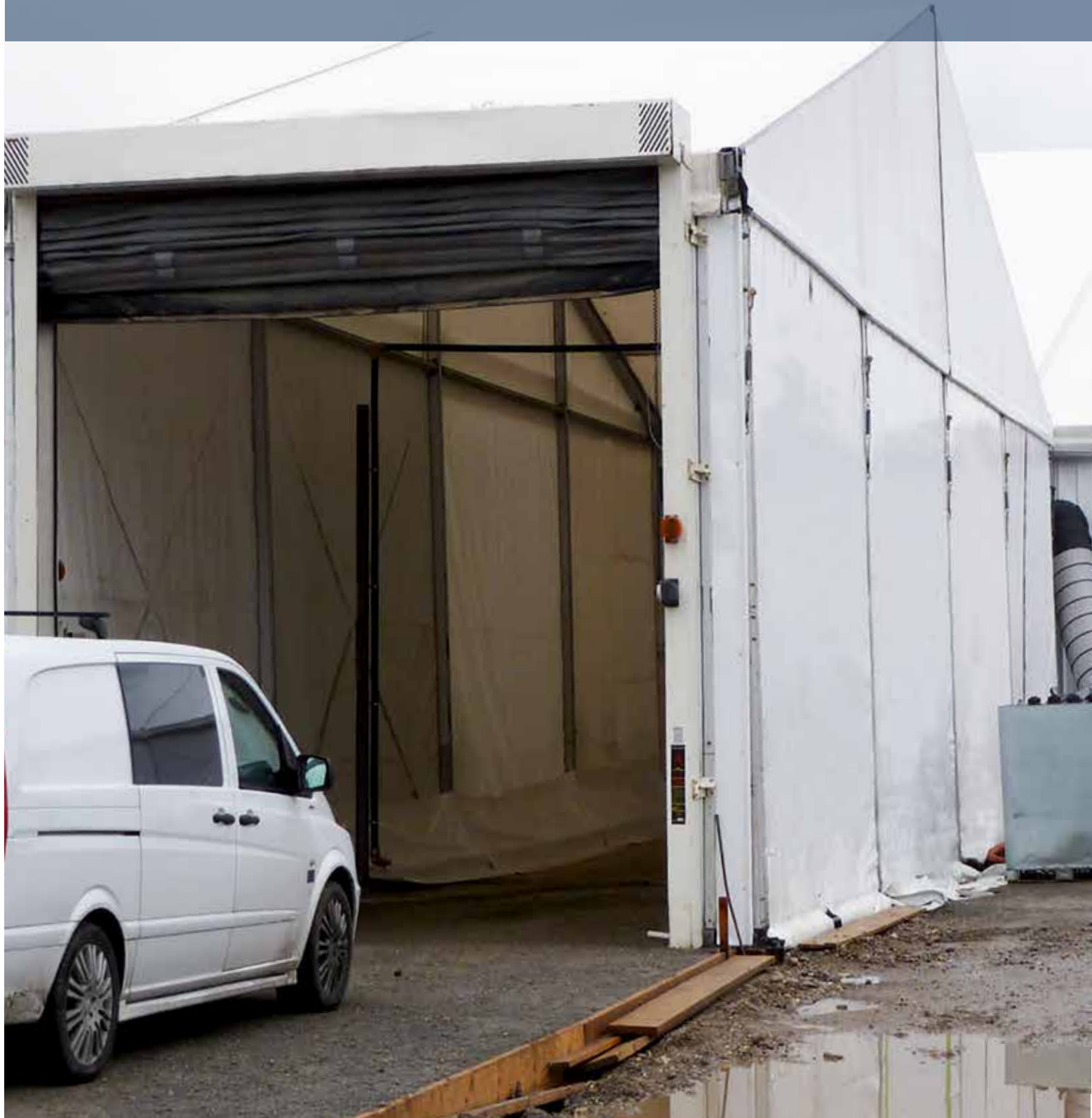


**FOLDING VERSION**

While a closed hall can be important for a construction site, its setup can sometimes become a hindrance to construction. For this very situation, the RÖDER Group has developed a folding version with scissoring elements. This increases flexibility and mobility during the project and working phases.

# » MAXIMUM SECURITY

Isolated lock systems built onto the site secure entrance and exit control.



## OUTFITTING AND EXTENSION

### FULL SERVICE PROVISION

Given their constant mobility and sophisticated design, RÖDER tent and hall systems can be assembled rapidly and installed within the shortest time in almost any location, unlike solid halls. By combining with other RÖDER tent and hall systems and with the many versatile extension options, they can be put together into continuous, economical work areas. For each of the variants, RÖDER offers an extensive range of accessories. The portfolio ranges from facade elements to special gate and door systems, to floor systems, to heating, air-conditioning and lighting systems.

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#### 1. Heating and air-conditioning systems

Temporary zone heating or air-conditioning systems can be individually adapted.

#### 2. Kitchen and sanitary installations

Kitchen and sanitary installations are installed by specialist partners.

#### 3. Ventilation systems

Full ventilation systems including fans, ducting and installations for controlled air exchange.

#### 4. Lighting

The right lighting system allows working at any time of the day and night.

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#### 5. Roof system

Double-walled, air-filled thermal roof sheeting with self-regulating pressure unit.

#### 6. Door and gate systems

Sliding doors, single-winged doors in the tent, electric roller doors with escape and entrance doors (optional equipment). Furthermore, the suitable door and gate systems can be used to create airlocks exactly as needed.





ISO 9001:2008  
ISO 14001:2009  
REGISTERED FIRM

## ENGINEERED IN GERMANY

## QUALITY MANAGEMENT

**IN ALL PROCESSES, WE ENSURE THAT THE HIGHEST QUALITY AND SAFETY STANDARDS ARE COMPLIED WITH IN ORDER TO PROTECT OUR CUSTOMERS AND TO OFFER THEM THE BEST-LOOKING PRODUCT WITH THE BEST MATERIALS. THIS IS WHY QUALITY, SAFETY AND DURABILITY ARE FIRM COMPONENTS OF RÖDER'S COMPANY CULTURE.**

In order to optimise production and business processes and to maintain all safety guidelines so as to guarantee product quality and customer satisfaction, the RÖDER Group employs consistent, sustainable and thorough quality management. The concept of our quality management is based on internal and external input. All relevant processes are defined and documented – from the design phase, material selection and project planning right up to when the tent and marquee systems are given to the customers. As a high-end manufacturer, 'Engineered in Germany' and 'Made by RÖDER' is our promise of quality to our customers. Both our design expertise and quality management are therefore pivotal for the success of our products and trust of our customers.

The quality management systems, which are tested and certified in accordance with the **European standards EN ISO 9001:2008** and **EN ISO 14001:2009**, relate to the design, construction, production, sale and hiring out of RÖDER tent and marquee systems. In order to guarantee the quality promised by the RÖDER Group, all members of staff take part in regular external and internal training on quality and safety. All our temporary accommodation is inspected by TÜV in terms of construction, structure and the tarpaulins. In addition, the company receives external advice and supervision from Bavarian-based company inspectors, the **LGA (Landesgewerbeanstalt Bayern)**.

## TECHNICAL FEATURES

### DECADES OF EXPERIENCE

The RÖDER Group uses only the most qualified staff, the best materials and constantly draws on its decades of experience in the field of temporary accommodation – right from the very start of the construction and production process of the tent and marquee systems. We achieve high customer satisfaction through quality and safety. Continuous and reliable quality management means we can place our trust in the materials we use. The RÖDER Group is certified according to the European standards EN ISO 9001:2008 and EN ISO 14001:2009. All structures are calculated and tested in accordance with the European standard EN 13782.

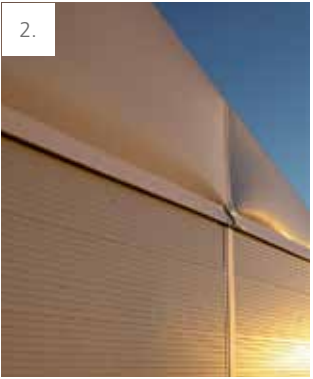


1.

**3. Logistic**  
Specialist partners take on the task of transporting the tent and marquee systems. As a trusted and known dispatcher, RÖDER benefits from a fast-track customs clearance process. This guarantees a just-in-time availability worldwide.

### 4. Production

RÖDER production is respectful to both people and the environment – worldwide.



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### 1. Construction

The modular design principle allows various types of construction and expansion.

### 2. Equipment

RÖDER offers many exclusive types of facades and equipment to go with its tent and marquee systems.



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The anodised aluminium frame is equipped with highly secure profiles and has two- or four-channel keder technology. The sophisticated keder technology makes it possible to expand the tents in many different ways – using the modular design principle. The keder technology also provides protection against bad weather and storms. Highly secure aluminium alloys and galvanized steel guarantee a long-life hold.

RÖDER conducts the planning in line with the minimum quality standards laid down by the EN 15619 product certification. The long-life RÖDER No.1 tarpaulins are equipped with polyester threads that have a special low-wick and PVDF coating. This increases their resistance against bad weather, prevents dirt building up on the surface and damp getting through. The tarpaulins are classified as 'difficult to ignite' by the standards DIN 4102 and EN 13501, are resistant against fungus and spores (fungicidal), and are UV-proof.

The tents guarantee easy handling as they are quick and easy to set up, do not take up much storage or transport space, and the highly secure aluminium profiles are lightweight. The installation and dismantling of the tents will not demand too much manpower or incur high costs.



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