

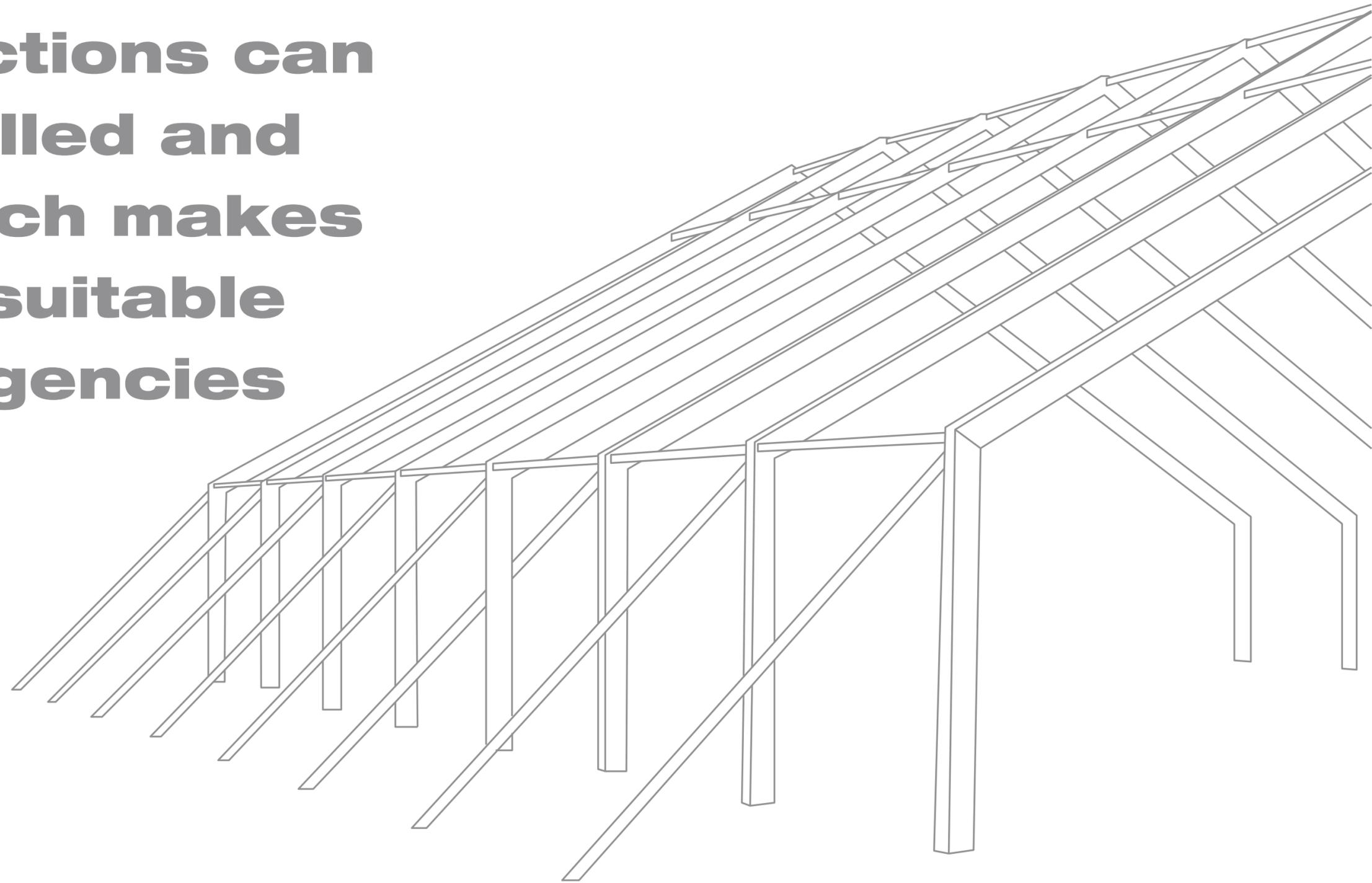
QUICK DEPLOYMENT ALUMINUM FRAME MOBILE CONSTRUCTIONS

FIELD CAMPS, HOSPITALS,
RESIDENTIAL AND
ADMINISTRATIVE COMPLEXES



Our reliable and robust constructions can be quickly installed and dismantled, which makes them perfectly suitable for use in emergencies

Innovative RÖDER structures provide excellent static performance and withstand high wind and snow loads, being applicable in almost any climate. Thanks to their lightweight yet robust materials, modular design, and quick and easy installation on virtually any hard surface in a variety of climates, RÖDER structures are the best choice for emergency applications.



Emergency assistance

For decades, RODER products have been the first choice for natural disaster relief, military and assistance operations around the world.

Rapidly erected RODER pavilions allow easily mount, transform, and move a complex of buildings in a variety of climatic conditions. Innovative structures provide excellent static performance and withstand high wind and temperature loads. The aluminum frame is not subject to corrosion from water and atmospheric precipitation.

Potential applications range from lightweight mobile SAS tents as quick-mount shelters for field camps up to well-equipped structures for living quarters, classrooms, hospitals, and canteens.



Mobile quick-mount hospitals

RODER structures are perfectly adapted and are used as mobile hospitals and medical tents, which can be located both in tent-frame and modular buildings.

Comfortable and fully equipped wards, isolation rooms, sufficient space to accommodate a large number of people, washroom modules and sanitary rooms, staff quarters, laboratories and drug and equipment storage rooms - all this can be realized with the help of RODER pre-fabricated structures. Hospital blocks are equipped with all the necessary medical and utility equipment.

RODER offers the ideal quick-assembly systems for this important application.



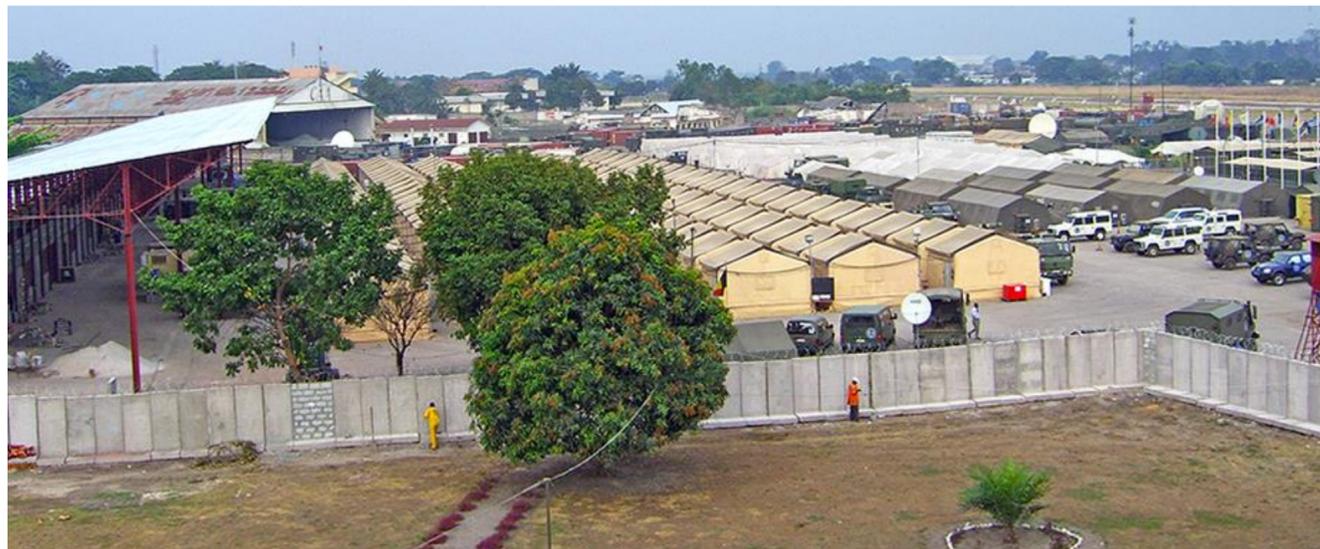
Residential premises

People who have temporarily lost their homes as a result of a natural disaster need a new safe and comfortable place to live.

Turnkey RODER dwellings, fully equipped with electricity, water, sanitation facilities, furniture and much more, provide the required level of safety and comfort. The variety of floors, walls made of sandwich panels, heating (including autonomous), air conditioning, and ventilation systems expand the range of possibilities.

Structures can be quickly and flexibly changed to meet new requirements, and residential capacity can be scaled without prejudice to protection or functionality.

We can use container-based modular buildings to quickly organize hostels for personnel and victims.



Mobile campsites

Quick people accommodation systems combine ease of handling with maximum mobility and robustness, especially when using the specially developed RODER SAS TENTS structures.

Even faster than the classic RODER structures, SAS TENTS are suitable for emergencies thanks to their reliable, robust design and ease of use.

Roder SAS TENTS perform excellently in challenging conditions where speed is paramount. Especially in difficult terrain and in extreme climatic conditions, where the system provides the necessary weather protection and safety.



RODER SAS light tents

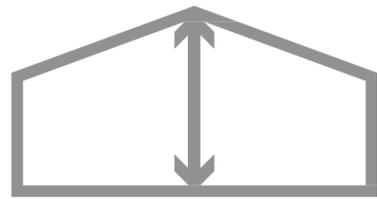
The multifunctional RODER SAS tents are perfect solution for quick camp deployment during emergencies.

Anodized aluminum frames, high-quality tarpaulin fabric, and robust components such as the die-cast aluminum connector ensure ease of handling and a long service life.

Thanks to their robust mobility and clever design, the systems can be installed quickly and virtually anywhere within a very short time.

RODER SAS tents are a perfect solution for quick deployment in the field, do not require special equipment or lifting equipment to install, are packed and transported in special bags.

The included sacks for frame, tarpaulins, and small parts ensure hassle-free transport thanks to the convenient dimensions. This extends the lifespan of the RODER SAS tents and ensures safe, convenient, and fast logistics.



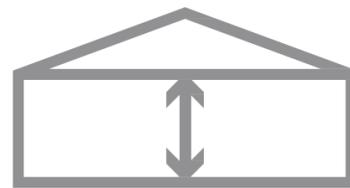
2,9 m ridge height (max)



10,0 m length (max)



142 kg max weight



1,9 m wall height (max)



Canteens and catering points

RODER tent and quick-mount pavilions provide quick deployment of catering facilities that feature both mobility and reliability.

RODER frame tent structures offer enough space for cooking and catering of large numbers of people. With the right equipment, tent systems create an atmosphere of home comfort and peace, which is essential in times of crisis.

RODER structures are a combination of functional design and first-class manufacture quality. The state-of-the-art installation technology allows erecting and dismantling the structures in record time.



Projects implemented

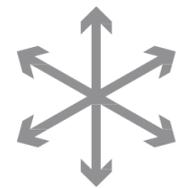
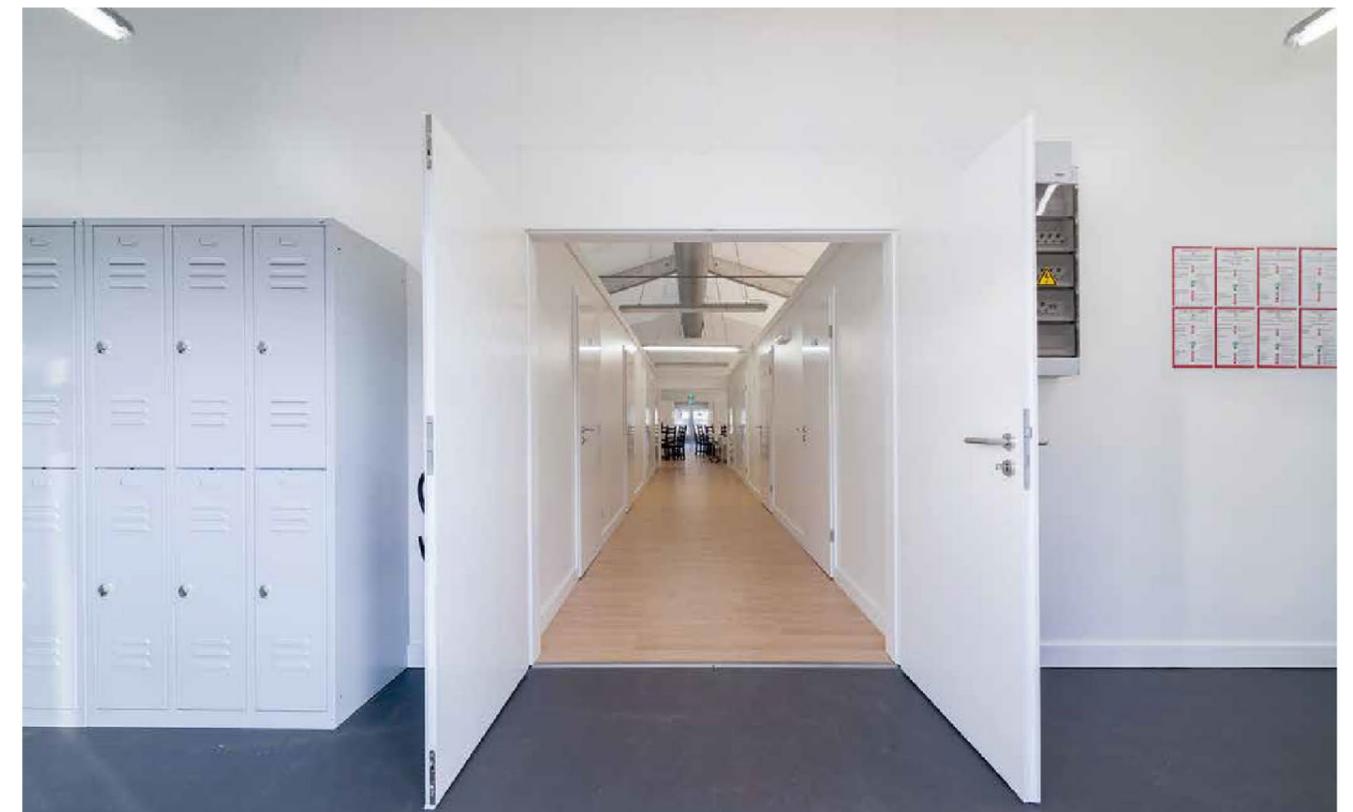


Bochum refugee camp (Germany)

In accordance with the requests of European countries, RODER Germany has built specially designed dwelling units for refugees. A total of 12 structures have been installed, designed to accommodate 56 people in each.

The buildings measuring 10 x 30 m with a snow load were equipped with utility equipment (heating, ventilation, and lighting systems).

Designed for fast production and delivery, RODER modular buildings can be quickly erected on virtually any surface.



3600
m²
Area



30 m
Length



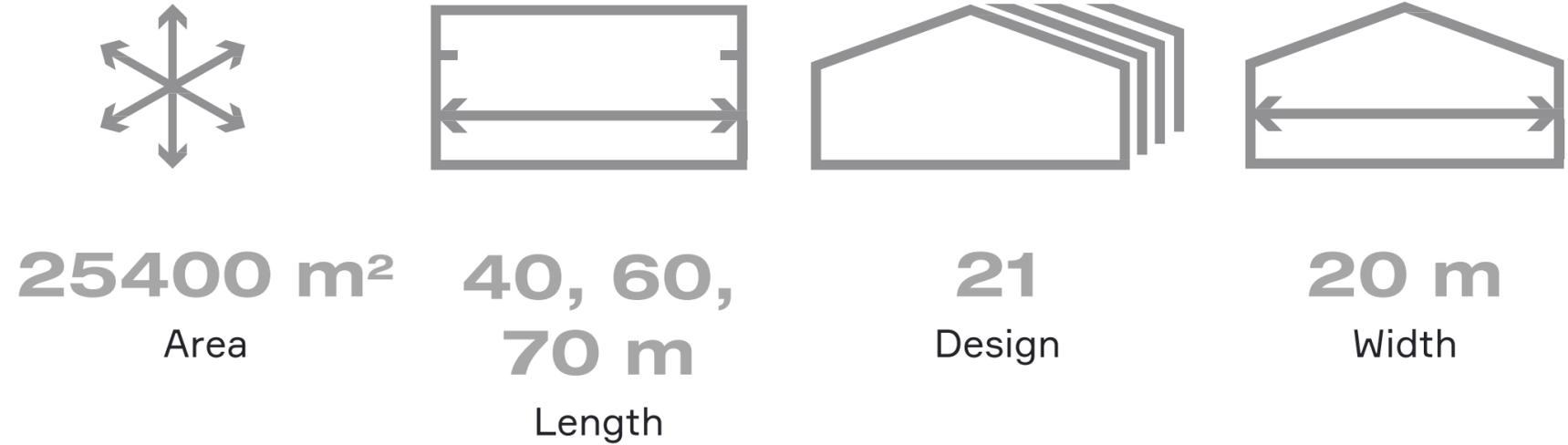
12
Buildings



10 m
Width

Mobile COVID hospitals in Kommunarika

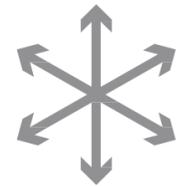
In Moscow, on the territory of the first coronavirus hospital, 20 hospital buildings were built, each measuring 20x60 m, one laboratory building 20x40 m, and one administrative building 20x70 m. They are used for placement and post-intensive care of patients in need of assistance. With an area of 25 400 m², the bed capacity of the city hospital has more than doubled. RODER LLC has also created city medical centers in Moscow at 17 addresses - the total construction area is 58 300 m²



Multifunctional Migration Centre MFC "Sakharovo" Administrative complex

A temporary complex of quick-mount structures for the MFC of labor migration was erected by RODER in 2015.

This is a complex development that includes administrative, functional, and residential areas. Several checkpoints and security perimeter, all utility systems and Wi-Fi. Furnishings, electronic displays, diesel generators. Throughput capacity - 4500 persons/hour.



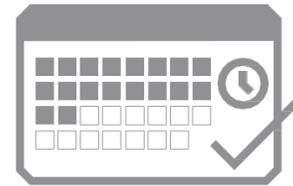
10000 m²
Covered Area



**40, 60,
70 m**
Hall Length



8
Buildings



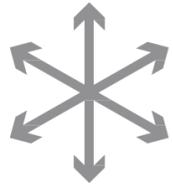
45
Days of erection



NPP ROOPPUR Training and Production Complex

RODER LLC has erected a training center intended for the training of construction workers at the ROOPPUR NPP in Bangladesh.

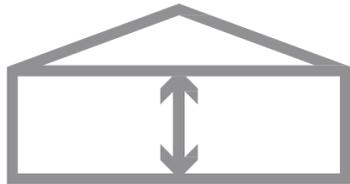
The base of the building is the 25x55 m H-line, divided into 2 zones: an internal educational and laboratory building on 2 floors and a production facility equipped with an overhead crane. Sandwich-panel walls, double-layer thermal roofing. In front of the building - a training polygon with simulators. With the maximum load of 150 students, 7000 specialists will be trained per year. The work was completed in spring 2021.



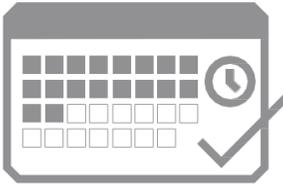
1375 m²
Area



55 m
Length



6.2 m
Wall height



3
Months of
installation

About Us

About Us

The RÖDER Group is internationally renowned for its durable and versatile tent and hall systems. Its range includes individual solutions for all applications: from range of light halls and marquees tents up to complex infrastructure solutions for all kinds of events and industries. RÖDER EMIRATES STRUCTURES L.L.C is a part of RÖDER Group.

Quality

«Engineered in Germany» and «Made by RÖDER» are a performance promise to our customers and for us as a premium supplier.

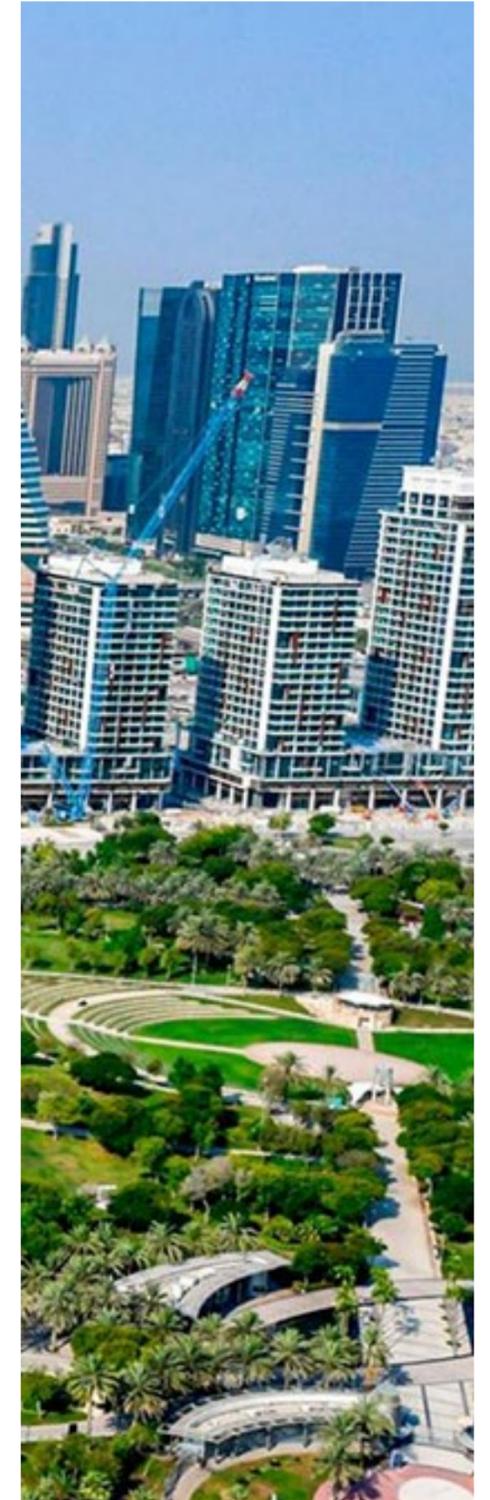
High-quality materials paired with German engineering make our buildings an equally durable but far more cost-effective alternative to a solid structure. In the main we would like to be your competent partner in every step, from the first concept to the organization of all TÜV approvals and fire protection tests right through to dismantling.

Production

Productions facilities are located in four countries (Germany, Turkey, China and Russia). We also produce door sets, facade systems made of aluminum, plastic, glass and ISO-panels, stairs, catwalks, etc. Custom engineered aluminum constructions are also possible.

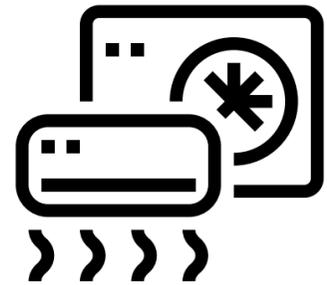
Technology

The technological solutions we use, based on Roder frame-tent and frame-panel structures using complex section aluminum profiles and double thermal roofs, have a degree of complete factory readiness and ensure a high speed of deployment of prefabricated buildings and infrastructure.

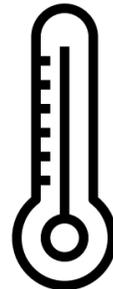


Utility systems

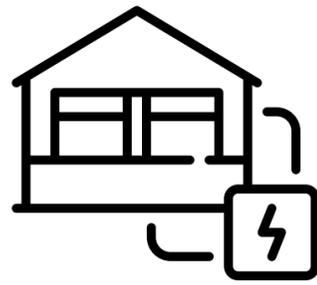
A FULL RANGE OF HIGH QUALITY UTILITY SYSTEMS
AND EQUIPMENT



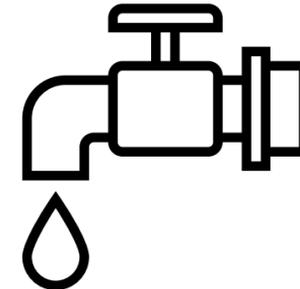
AIR CONDITIONING AND
VENTILATION



DIESEL HEATERS



POWER SUPPLY, LIGHTING



WATER SUPPLY AND
DRAINAGE



CCTV, ACS, FIRE
ALARM



WI-FI, INTERNET

RÖDER resources



120 000 m²

Frame-and-tent structures

150 000 m²

Of tarpaulin

2000 units

Lighting fixtures

200 units

Heaters

300 units

Air conditioners

50 000 m²

Of various floors

Contact Us

www.roder.ae



Our global reach ensures a consistent product and level of expertise wherever your project is based.



We are a part of RÖDER Group

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