

Temporary Buildings, Semi-Permanent Warehouses and Industrial Tents since 1924



- Since 1924 -

More than 3000 buildings installed across Europe

HERCHENBACH
Buildings and Warehouses

- > Sale
- > Hire
- > Leasing

Please note:

This is the low resolution version of our company brochure with limited picture quality.
You can download the high resolution brochure [here](#)





Your warehouse solution! 6 good reasons for a Heba-Fix® temporary building:

- 1 Our temporary buildings can be delivered in weeks. 1,000 m² storage space can be ready for use in less than a week.
- 2 Our Heba-Fix® semi-permanent buildings can be set up, taken down or moved to a different location in just a couple of days. Often we do not need a separate foundation or groundworks - saving you time and money.
- 3 You can buy, lease or hire our Heba-Fix® buildings. Our hire contracts are completely flexible, giving you the option to hire a temporary building for a few months and decide on an extension or purchase later on.
- 4 As the industry's leading and trusted provider for a range of semi-permanent building solutions, each solution is customised. No matter how specific your request, we will find the optimal solution. Our knowledge and experience gained from over 3000 building projects allows us to anticipate the needs of specific industries, enterprises and products.
- 5 We offer the complete package: whether you need 500 LUX LED lighting, heating, air conditioning systems or impact blockers – we supply everything.
- 6 Our prefabricated Heba-Fix® building system can be expanded or reduced at any point. Wall systems can simply be replaced to transform an unheated building into a heatable, insulated one in no time.

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Herchenbach

– quality and reliability since 1924

Customised temporary buildings and semi-permanent warehouses by Herchenbach – flexible, cost-effective, innovative, maintenance-free and quick to assemble. Nearly 100 years of experience.

Since 1924, Herchenbach hires and sells industrial tents, temporary buildings and semi-permanent structures. Over the last decades, Herchenbach specialised in producing durable structures made of aluminium for businesses of all kind. Among our customers are large multinationals as well as family-owned businesses and public entities. Herchenbach is owner-managed since 1924. Our company's goals are not only to uphold the high quality standards of our services and products, but also to provide our customers with comprehensive support and unbiased, objective advice.

One of the key elements of our Heba-Fix® aluminium structures are the various patent-protected innovations. Our structures satisfy the highest quality requirements and conform with the latest BS, DIN and EUR standards for semi-permanent structures. Our TÜV-inspected Heba-Fix® static plans, which come with all of our buildings, are designed for permanent installation in accordance with BS EN 1991. Very high snow loads and coastal windloads can be handled by our buildings. To date, we installed more than 3000 buildings of this type across Europe.



Occupational health and safety based on the AMS BAU (NLF/ILO-OSH 2001)

The BG BAU certifies that Herchenbach has met all the requirements of systematic and effective occupational health and safety protection.



EN 1090-1
Factory
Production
Control

www.tuv.com
ID 9105079033

Our Heba-Fix® structures offer maximum flexibility and mobility along with the stability of a permanent construction. Clearspans of up to 30 m are possible without pillars. Greater widths are installed with multiple aisles. The eave heights range up to 7.40 m - higher buildings are possible upon request and subject to local loadings.

The side walls can be fitted with industrial-grade tarpaulins, trapezoidal sheet steel metal or insulating sandwich panels. The roofs can be industrial grade tarpaulins or our patent protected Heba-Therm® insulated roof tarpaulins. This innovation enables us to achieve excellent values in terms of heat, cold and soundproofing, and thus combine the advantages of a flexible yet durable translucent tarpaulin with the insulating properties of sandwich panel walls.

Our broad range of options and accessories includes roller-shutter gates, doors, lighting systems, floors, heating and cooling systems, windows and more. From the simple steel sliding gate to the high-speed turbo gate for the most demanding uses, we have the right solution for our customers. Herchenbach also works with many other well-known option and accessory suppliers.

All our buildings and warehouses are available for hire or for purchase. On expiry of the hire contract, we offer attractive purchase options. It is entirely up to you whether you extend your contract once it expires, return the structure or decide to purchase it.

Herchenbach provides comprehensive support, from the first consultation to the smooth project management and handover. We support with planning applications as well as fire regulation measures. Experienced teams install the buildings all around the world, and thereby respect all necessary health and safety aspects. For already installed buildings, we offer a wide range of services including repairs, conversions, relocations, extensions and maintenance works. Our building solutions are simple, safe and economical.



2-5 The translucent roof tarpaulins create excellent light conditions ideal for warehousing applications 24/7.



Semi-permanent structures and temporary warehouses - Advantages

Cost-effective

All our structures can be installed in days mostly without costly groundworks on almost any surface. The installation is fast and cost-effective due to the light aluminium frames and the standardised roof and side wall systems. Our customers receive unbeatable quality and value.

Proven

Herchenbach, since 1924 - that is almost 100 years of experience of unrivalled expertise, outstanding support & project management.

Durable

Our TÜV-inspected static plans are designed for permanent installation in accordance with BS EN 1991. Snow loads over 1.35 kN/m² and wind loads in excess of 1.0 kN/m² are possible. Our structures are 100% structurally sound. Most of our high quality and German engineered temporary buildings are in use for years or even for decades, also in coastal regions such as Wales or Norway.

Multifunctional

Herchenbach structures can be either non-insulated, with condensation water protection, semi-insulated or fully insulated. The possible uses of our structures are practically unlimited: storage warehouse, production building, logistics building, fire station, airport building, helicopter hangar - the use cases are unlimited.

Wear-free

Our buildings are designed to last and they are wear-free, especially the aluminium frames.

Innovative

Our prefabricated structures offer unbeatable quality and value for money when compared with conventional buildings. Even when comparing our solutions to other aluminium buildings, the continuous engineering efforts that go into our Herchenbach structures become evident. Our R&D efforts regularly yield patent protected solutions that bring both great value as well as additional benefits to our customers. Visiting one of our reference buildings will illustrate this to you.

Fast

Do you quickly need to expand your warehouse, storage or production capacities? You need a temporary or long-term capacity expansion? Herchenbach has the right solution for you - hassle-free, fast and fully tailored to your needs. With our buildings you benefit from accelerated approval processes, short delivery times due to our wide range of stock, and depending on the structure size, assembly within just a few days. Directly on your site.

Mobile

All our structures can be dismantled and relocated, to anywhere at any time. Frequently, our customers use a building for 3 or 5 years, and then sell it on to another party. Our experience shows that typically over 95% of parts can be re-used.

Flexible

Our structures can be modified in terms of options and accessories even after they are installed, and easily expanded in terms of size. No other building solution can do this.



Herchenbach innovations: **1** Maintenance-free bracing technique of the roof tarpaulins, **2** clamping profiles for securely attaching steel side walls and **3** steel profile gables for increased windload areas at coasts etc. are among the customisations we regularly offer our customers.



Heba-Fix® – the durable system

All our clearspan buildings are designed as temporary and semi-permanent buildings and are thus easily configured to meet your needs. You can customise the size, options and accessories and count on Herchenbach to provide you with the right structure from our range of buildings. Apart from the popular use as warehouse and logistics building, customers often use our structures for short- and medium-term periods during refurbishment projects. Special solutions are developed by our engineers to cater to unique needs. We count more than 2'000 companies all over Europe to our satisfied customers, and are proud to have previously installed in Bhutan, Uruguay, Argentina, Norway and even in Qatar's desert.



and many more...



1-3 Easily and flexibly make use of free areas without high requirements of the substrate. **4** Docks for lorries and vans can be fitted easily to all our buildings. **5** Our large frame distances and high snow loads - even in wind exposed installation locations such as Norway or Wales. **6** Whatever you want to store, Herchenbach's structures will protect it from wind, rain, cold and UV.

Use our structures to:

- › Provide additional warehouse or storage capacity
- › Protect stocks of materials, foodstuffs and finished products
- › Add or extend a production facility, maintenance workshop etc.
- › Operate a new internal logistics platform
- › Cover a machine maintenance or assembly area
- › Maximise productivity of unused areas and land
- › Continue operations with minimal disruption in the event of accident or emergency
- › Rationalise and organise the amalgamation of activities on site
- › Re-locate operations during periods of refit or refurbishment
- › Expand in response to surges in business or seasonal fluctuations

Recent buildings include:

- › Storage structure for empty & full bottles of beverage producers
- › Temporary retail building for a supermarket
- › Storage building for bulk goods
- › Garage workshop building for car repairs
- › Showroom for car dealership
- › Sorting facility for postal/parcel services
- › External housing for winery wine tanks
- › Warehouse for packaging and cardboard
- › Airport check-in semi-permanent building
- › Large garage for trucks
- › Machinery storage and repair shop
- › Lorrie loading and un-loading facilities



Example: Storage & warehouse buildings

Storage & warehouse structures for industrial companies, manufacturing and trade – the semi-permanent structure's flexibility in terms of dimensions and accessories can be fully adapted to your specific storage needs.



1 - 11 Whether single-aisle or multi-aisle structures, tarpaulin, trapezoidal sheet metal or insulated side walls, paving, asphalt, gravel or concrete substrate, we always have the right structure in the right







Example: Logistics & transport

Logistics companies, transport firms and parcel shipping carriers have been benefiting from the advantages of Herchenbach temporary warehouses for years - thanks to the structure's flexibility in size, individual configuration and the possibility of moving the building to other locations (relocatable).



1-9 In just a few weeks Herchenbach can deliver and install a fully customised semi-permanent building to the site of your choice, including options and accessories such as high-speed turbo roller doors, sectional gates, LED lighting, etc.. The structure can also be connected to one of your current buildings to accommodate for any intralogistics concepts.







Example: Retail & showroom buildings

Our structures can be customised for retail or showroom uses and expand your sales area as efficiently and flexibly - for additional seasonal sales or as a long-term solution. Maximise your revenue during refurbishments. Incl. lighting, air conditioning, heating and floor solutions.



1-9 Whatever you are selling – drinks, fruit and vegetables, trucks, vintage cars and oldtimers, or motor boats – a Herchenbach structure offers the ideal conditions. We offer all necessary accessories – lighting, heating, flooring through to electric sliding doors – all from one provider.





Example: Temp. buildings & special tents

Herchenbach semi-permanent buildings and industrial tents for special requirements – we design practical solutions for special requirements and reliably implement them in both a cost-efficient and rapid manner.



1-11 Whether an integrated car wash, an aircraft hangar, a logistics centre, a workshop, an airport luggage check-in facility, an air-conditioned brewery warehouse, a sorting office or structures with open canopies for loading and unloading of goods – Herchenbach always designs the right solution for a wide range of requirements.



Herchenbach structures

– one system, many variants & options

We offer our versatile industrial tents, temporary buildings and semi-permanent warehouses either without insulation, with anti-condensation, semi-insulated or fully-insulated depending on your use of the building.

Industrial tent

The most cost-effective variant from Herchenbach's product range is typically built with industrial PVC roof and walls. The frames are identical across all our building variants and are always made from durable, corrosion-free and high-grade aluminium. The industrial tent offers great cost-efficiency and maximum flexibility. Many of our customers use it as a solution to short-term and time-limited space needs, or as protection from wind and rain for goods. With an additional inner tarpaulin protection against condensation for the stored goods is ensured. BS EN 1991 are adhered to.

Temporary building & semi-permanent warehouse

Our Heba-Fix® aluminium structures can also be fitted with trapezoidal sheet steel walls. Aside from a sturdier appearance, the temporary building is more durable and has a longer overall life-span when compared to a conventional industrial tent. Interior separation walls to create compartments, roller shutter doors for efficient access, high-speed turbo doors, rain gutters according to your needs. Other accessories such as condensation water protection can be fitted onto our temporary buildings easily.

The temporary building provides maximum flexibility, is economical and ideally suited for the short- and medium-term solution to space problems. BS EN 1991 (Eurocode) for permanent installation at your specific installation site is fulfilled by all Herchenbach temporary buildings.

Fully insulated warehouse

With our various patent protected roof systems we can configure buildings with different degrees of insulation (partially and fully insulated roofs and walls). This provides customers with a structure that matches the specific needs, and keeps overall costs down - especially when compared to conventional steel and concrete buildings. The walls are made of insulated corrosion resistant sandwich steel profiles (with PUR/PIR rigid foam core and stainless steel shells), as an option also with insulated sandwich steel profile gable triangles. All Herchenbach static plans are certified by the TÜV technical agency and are designed in accordance with BS EN 1991 (British Regulation) structural codes for permanent installation almost anywhere in Europe.

Custom temporary building

On demand or when specific projects require adaptations of our standard range of buildings, our engineers develop custom solutions. As such, we can accommodate for planning regulation restrictions or local fire regulation aspects, can build a building within a building, or install walls and roofs with particular fire retardant qualities.

The starting point for your temporary building project is objective advice. We will provide you with the right solution after we have clearly understood what you are looking for.



Sizes

Our temporary structures offer a unique design that provides ample height and extraordinary clearance for your manufacturing and warehousing needs. There are no internal columns in our single-aisle buildings to interfere with forklifts or other vehicles, allowing for ease of movement and maximum usable space.

Clear Width (m)	Eave height (m)	Roof pitch	Ridge height (m)	Modular dimensions (m)	Snow load ¹ (kN/m ²)	Wind load ² (kN/m ²)
5.00	3.4 / 4.4 / 5.4 / 6.4	18°	4.22 / 5.22 / 6.23 / 7.23	4.00 / 5.00	0.52 - 1.25	0.50 - 0.71 +
7.50	3.4 / 4.4 / 5.4 / 6.4	18°	4.62 / 5.62 / 6.63 / 7.63	4.00 / 5.00	0.52 - 1.25	0.50 - 0.71 +
10.00	3.4 / 4.4 / 5.4 / 6.4	18°	5.03 / 6.03 / 7.04 / 8.05	4.00 / 5.00	0.52 - 1.25	0.50 - 0.71 +
12.50	3.4 / 4.4 / 5.4 / 6.4	18°	5.43 / 6.43 / 7.43 / 8.45	4.00 / 5.00	0.52 - 1.25	0.50 - 0.71 +
15.00	3.4 / 4.4 / 5.4 / 6.4	18°	5.84 / 6.84 / 7.85 / 8.85	4.00 / 5.00	0.52 - 1.35	0.50 - 0.71 +
20.00	3.4 / 4.4 / 5.4 / 6.4	18°	6.65 / 7.65 / 8.65 / 9.65	4.00 / 5.00	0.52 - 1.35	0.50 - 0.71 +
25.00	3.4 / 4.4 / 5.4 / 6.4	18°	7.46 / 8.46 / 9.46 / 10.46	4.00 / 5.00	0.52 - 0.92	0.50 - 0.81 +

Depending on the static plan, changes are possible. With specific structural calculations wind loads of up to 1.0 kN/m² are realisable.

¹ higher possible on request ² higher possible on request

Delivery times: Within days – if in stock. Otherwise within a couple of weeks.

Length: In general, you can choose flexibly. Our standard modular dimensions, which is most cost efficient, are in segments of 4.00 m or 5.00 m.

Width: Larger widths than the ones stated above can be obtained by multi-aisle constructions. Custom sizes are available upon request.



Heba-Fix® Variants: Overview

Type	Industrial tent PX	Temporary building TX
3D model		
Frequent application	as a temporary storage building without heating	as a secure material storage on an unfenced plot of land
Wall specifications	industrial PVC tarpaulin, gable triangle also made of durable industrial grade PVC tarpaulin	corrosion resistant trapezoidal steel profiles (stainless), as an option also with trapezoidal steel profile gable triangles
Roof specifications	industrial grade PVC tarpaulin (flame retardant)	industrial grade PVC tarpaulin (flame retardant)
Inner tarpaulin	optionally, as protection from condensation water (PI)	optionally, as protection from condensation water (TI)
Roof design	saddle roof construction, 18° pitch	saddle roof construction, 18° pitch
Clear span (multi-bay is possible)	5 / 7.5 / 10 / 12.5 / 15 / 17.5 / 20 / 25m without columns, larger widths as multi-bay Linking buildings weather-proof is frequently done	5 / 7.5 / 10 / 12.5 / 15 / 17.5 / 20 / 25m without columns, larger widths as multi-bay Linking buildings weather-proof is frequently done
Side height (eaves height)	3.40 / 4.40 / 5.40 / 6.40m as standard heights, between and above on request	3.40 / 4.40 / 5.40 / 6.40m as standard heights, between and above on request
Frame distance	4m or 5m	4m or 5m
Delivery time	ca. 2-3 weeks after clarifying all technical details. Installation as of two days depending on size etc.	ca. 2-3 weeks after clarifying all technical details. Installation as of two days depending on size etc.
Fire regulation aspects (if required)	fire retardant panels with insulation core made of mineral wool in walls, hard roof possible as roof	fire retardant panels with insulation core made of mineral wool in walls, hard roof possible as roof
Substrate & anchoring	- Can be secured to literally any ground surface with earth pins (ground anchors) on compacted gravel, asphalt or composite paving. With bolts on concrete. - Sloping or uneven ground possible as well. - No groundworks necessary.	

Temporary building medium-insulated II



as an interim heated warehouse building for a use of 6 months up to 10 years or more

insulated corrosion resistant sandwich steel profiles (with PUR/PIR rigid foam core and stainless steel shells), as an option also with insulated sandwich steel profile gable triangles

industrial grade PVC tarpaulin with inner tarpaulin ensuring good thermal "U" values (flame retardant)

as protection from condensation water

saddle roof construction, 18° pitch

5 / 7.5 / 10 / 12.5 / 15 / 17.5 / 20 / 25m without columns, larger widths as multi-bay

Linking buildings weather-proof is frequently done

3.40 / 4.40 / 5.40 / 6.40m as standard heights, between and above on request

4m or 5m

ca. 2-3 weeks after clarifying all technical details. Installation as of two days depending on size etc.

fire retardant panels with insulation core made of mineral wool in walls, hard roof possible as roof

Temporary building fully insulated II + GD Heba-Therm®



as a semi-permanent temperature controlled storage warehouse for sensitive goods

insulated corrosion resistant sandwich steel profiles (with PUR/PIR rigid foam core and stainless steel shells) with insulated sandwich steel profile gable triangles

Heba-Therm® insulated industrial grade PVC tarpaulin with inner tarpaulin for maximum insulation ensuring optimal thermal "U" values (flame retardant)

as protection from condensation water

saddle roof construction, 18° pitch

5 / 7.5 / 10 / 12.5 / 15 / 17.5 / 20 / 25m without columns, larger widths as multi-bay

Linking buildings weather-proof is frequently done

3.40 / 4.40 / 5.40 / 6.40m as standard heights, between and above on request

4m or 5m

ca. 2-3 weeks after clarifying all technical details. Installation as of two days depending on size etc.

fire retardant panels with insulation core made of mineral wool in walls, hard roof possible as an insulated roof Heba-Therm+®

- Can be secured to literally any ground surface with earth pins (ground anchors) on compacted gravel, asphalt or composite paving. With bolts on concrete.
- Sloping or uneven ground possible as well.
- No groundworks necessary.



1-5 The installation process begins with setting out the base plates and anchoring them, then assembling the frames and pulling them up. Subsequently, the roof is pulled in. In the end, the walls, lighting and doors and gates etc. are installed.



The Heba-Fix® structure system

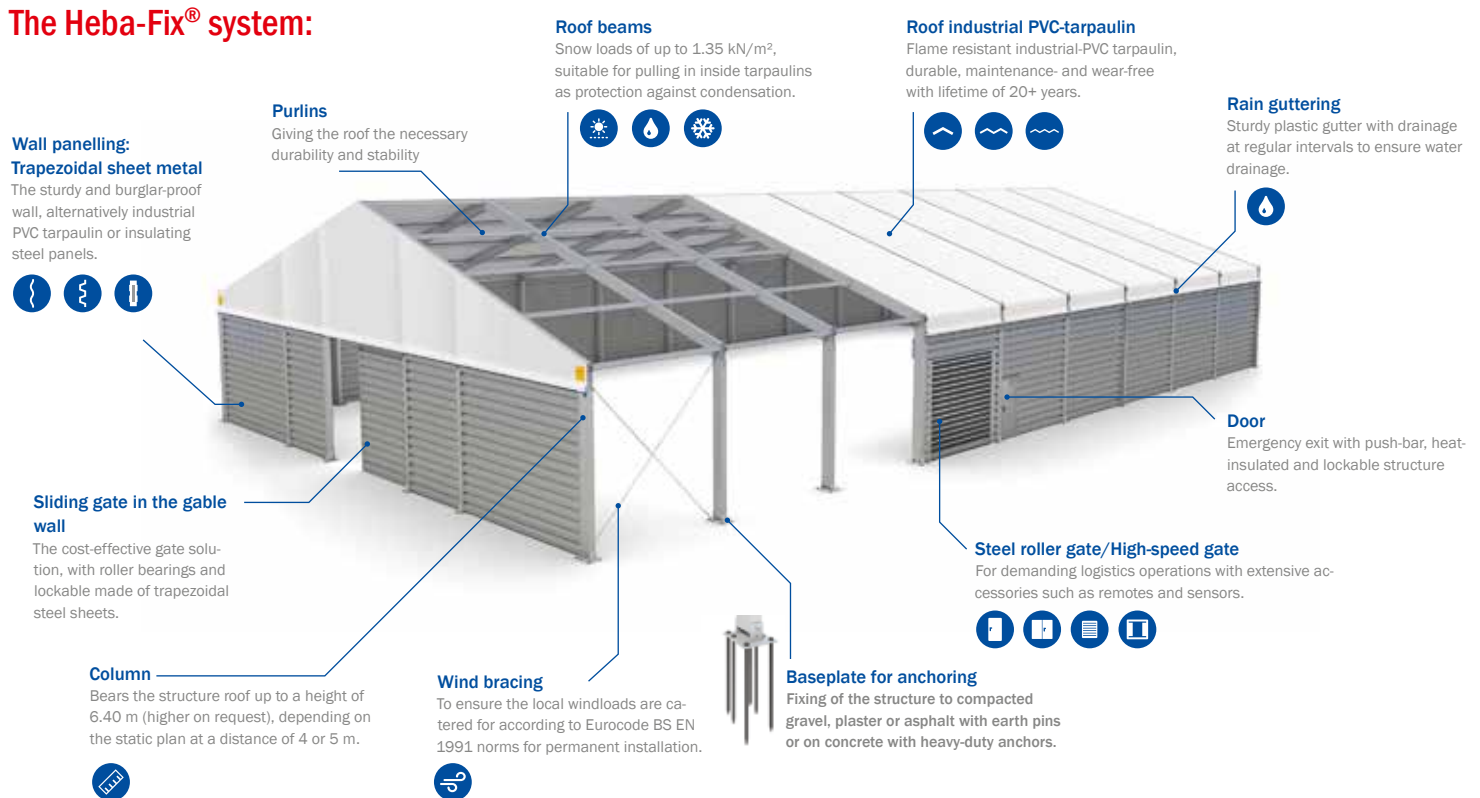
The flexibility of the intelligent Herchenbach Heba-Fix® structure system is not only based on its modularity and its engineered aluminium frame structure, but also on the broad range of options and accessories that can be fitted smartly. These options and accessories, or at least an extract, will be introduced on the following pages.

The demountable multipurpose structures can be used for a countless number of applications. They are particularly popular when more on-site space needs to be available quickly and at a comparatively low cost.

A Heba-Fix® structure can often be installed without foundation on almost any existing surface. Thanks to the aluminium frame and the standardised side wall panelling and roof cover, assembly (and a potential disassembly) is quick and economical.



The Heba-Fix® system:



Anchoring & groundworks

Our Herchenbach industrial temporary buildings and semi-permanent warehouses are typically anchored with earth pins or heavy duty bolts - depending on the underground. More than 3000 Herchenbach buildings have been installed to date across Europe, and most buildings stand on compacted gravel, asphalt, composite paving or concrete foundations. The frequently not-required concrete foundations save our customers a lot of CAPEX - no other building structure can do this!

Prior to an installation our experts visually inspect the surface to ensure adequate anchoring is possible. In case there is unclarity as to pre-existing electricity wiring, water or gas pipes or similar in the ground, our experienced engineers conduct a comprehensive ground survey. An evenly ascending site with a gradient of up to 1% is no problem for our buildings. For greater gradients, we can shorten (some) columns or design a bespoke structure.



Wall systems

The wall designs of Herchenbach structures all have one thing in common: they are high-quality and functional. Industrial-grade tarpaulin, trapezoidal sheet steel or insulated panels – we have the right solution for your project.

Your requirements determine the wall system used in your Herchenbach building. The industrial tarpaulin offers a cost-effective weather- & visual protection. The robust corrosion resistant trapezoidal steel profiles (stainless) make the walls burglar-proof and are ideally suited for the long life-cycle of your building in an industrial setting. If the structure needs to be heated or cooled, insulated panels with heat transmission coefficients of up to 0.31 W/m²K are used. For special applications, we can also supply our structures with special acoustic panels for soundproofing, as well as panels with fire regulation compliant characteristics. Many other special wall panelling is available on request.

All wall types can be supplied in a range of RAL colours and wall thicknesses depending your needs. If an element is ever damaged once the building is in use, the wall elements can be replaced fast and cost-effectively.



The depiction of the RAL colours is subject to the consent of RAL GmbH, Sankt Augustin, Germany. The RAL designation is trade-marked.

	Industrial tarpaulin	Trapezoidal sheet metal	Insulated panels
Material	industrial PVC tarpaulin	Corrosion resistant trapezoidal steel profiles (stainless)	insulated corrosion resistant sandwich steel profiles (with PUR/PIR rigid foam core and stainless steel shells) (mineral wool)*
Weight	approx. 650 g/m ²	7.5 kg/m ²	13 - 20 kg/m ²
Fire prevention class	B1	A	B1 (A2 SI d0)*
Standard colour	white (roof), white/green (side wall)	white aluminium (RAL 9006)	grey white (RAL 9002) white aluminium (RAL 9006)
Choice of colours	RAL	RAL	RAL
Heat transmission coefficient	8 W/m ² K	6 W/m ² K	0.31 - 0.41 W/m ² K
Load capacity	250 kg/m ²	depending on the span	140 kg/m ²
Material thickness	0.6 mm	0.75 mm (0.88 mm)**	60 - 80 mm

* in brackets: design as fire prevention panel

** In brackets: at wind zone 3



1 Trapezoidal sheet metal walls and fire protection panels with a fully connected roof inside tarpaulin to prevent condensation.

2-7 Whether you opt for an industrial tent, a condensation water proof temporary building or a fully insulated semi-permanent warehouse with fire panel wall sections - a free consultation and site visit with our experienced building advisors will yield the solution perfect for your need and budget.

Industrial PVC tarpaulin (PX and PI)



Trapezoidal steel profiles (TX and TI)



Insulated sandwich steel profiles (II and II + GD)



Roof systems

Herchenbach semi-permanent structures have roof options to suit every need: roof tarpaulins with or without condensation-water protection, our insulated Heba-Therm® roof tarpaulin with excellent insulation and soundproofing properties, or hard roofs in case fire restrictions apply.

Industrial tarpaulin

Our durable industrial tarpaulin roofs are not only much more cost-effective than fixed roofs; in comparison to fixed cladding roofs, they also offer a range of other advantages. They are:

- translucent and allow for a pleasant daylight atmosphere within your building
- durable and long-lasting, also in case of hail storms
- quickly installed (and de-installed)
- easy to replace in the event of damage and completely reusable

An inner translucent tarpaulin is added in order to protect against condensation-water. Our customers that deal with packaged goods or cardboard and papers, for example, appreciate this particularly.



The depiction of the RAL colours is subject to the consent of RAL GmbH, Sankt Augustin, Germany. The RAL designation is trade-marked.

Hard roof

If fire or construction regulations - or practical considerations - make it necessary, we can fit our buildings with Herchenbach patent protected hard roof solutions. Upon request, we can provide proof of flame resistance in accordance with DIN 4102 -7 B1 Broof (t1).

Insulated Heba-Therm® roof tarpaulin

Heba-Fix® structures can, as an option, also be fitted with a translucent patent-protected Heba-Therm® insulated roof tarpaulin. This tarpaulin offers excellent insulation values of up to 0.85 W/m² K and provides the same durability as all our other roofs and is translucent. This not only significantly reduces your energy costs for heating or cooling your structure, but also decreases the noise levels within the building.

The Heba-Therm® tarpaulin is only used in the roof, and the sidewalls are made of insulated corrosion resistant sandwich steel profiles (with PUR/PIR rigid foam core and stainless steel shells). Upon request, we can provide proof of flame resistance in accordance with DIN 4102 -7 B1 Broof (t1).



1 Details of our roof constructions: the roofs of a double-aisle structure are connected by a steel valley gutter, which collects rainwater on the sides of the building where they join. The electrical connections power the heating of the gutters designed to melt ice and snow during winter to avoid snow and ice collecting there. **2** A tarpaulin roof without inside tarpaulin gives you a clear view of the purlins and wind bracing.



Translucent inner tarpaulin to prevent condensation-water



Multi-bay construction and hard roof options



3 Multi-part tarpaulin gable for increased windproof-ness, **4** 70 m structure with inside tarpaulin, three lines of lamps and tension ties, **5** Middle channel of a double-aisle structure with a PVC valley gutter, **6** Storage structure with one section of trapezoidal sheet metal roof, **7** Four-aisle structure with connected building bays.

Doors and gates

There are practically no limitations when it comes to doors, gates and loading docks. In addition to our extensive standard range, we are also happy to design special solutions to suit your needs or to work with a door/gate supplier of your choice.

Steel and glass doors (and emergency exit push-bar doors)



1.3 Our standard multi-purpose doors with single and double wings are installed by our assembly technicians in the walls. As an emergency exit pushbar door with a panic lock they are a prerequisite for structures with walls of trapezoidal steel or insulated steel panels. 2 Fully automated sliding glass door of a retail building.

Double-wing doors



Roller shutter doors & high-speed turbo gates



6



7



8

6-8 High-speed gate: One of our special solutions for smooth forklift truck operations and low heat losses: a high-speed gate with opening speeds of up to 4 m/sec.

Sliding gates (steel, one & two-winged)



9



10

6-8 Our ambient or frost-free buildings are typically specced with steel sliding gates - the cost-effective solution that prevents theft and closes the building in case of wind, storm and rain

Tarpaulin gates (industrial PVC)



11

6-8 Tarpaulin gates are the most cost-effective gate offered by Herchenbach. It is particularly appealing for short-term rentals or on smaller structures.



12

Windows

If your translucent tarpaulin roof and the lamps we install do not allow for sufficient light in the building, we will be happy to install windows into the side walls of your structure.

The most cost-effective and efficient solution for trapezoidal sheet metal structures is transparent plastic trapezoidal panels (window strips). In higher specified buildings we can integrate conventional steel or plastic tilt and turn windows with double glazing. You can choose from the entire range of windows that are available on the market, including security-glazing with burglar-proof safety glass and special locks.

Transparent trapezoidal panels (one or two-layered)



1-2 Transparent plastic panels are a cost-effective and easy to assemble solution to supply additional light to trapezoidal sheet metal structures.

Windows (as in conventional buildings)



3-4 Double-wing tilt and turn windows in a gable wall with insulated panels. Integrated into the warehouse is an office block with more than 400 m² including an entrance area consisting of a three-bladed glass door and a steel awning.

Floors

Herchenbach temporary buildings and demountable warehouses are often used in retail or showroom environments. For these projects, we can deliver and lay a custom floor.

Our standard range of floors offers everything, from a simple wooden floor to a heavy-duty floor that is accessible for forklift trucks. Our wooden floor is mostly used in canteens, temporary retail buildings or in parcel distribution centres. The heavy-duty floor that is accessible for forklift trucks is an alternative to plaster or asphalt in the storage sector. It can be laid in a sand bed on compacted gravel. The heavy-duty OSB floor is mostly used in exhibition buildings where the shelving causes high load concentrations. We can offer further floor types based on a detailed project consultation with your team.



Flooring



Other floor systems according to your needs can be offered upon request.

Accessories	Load capacity	Accessible for forklift trucks
6 PVC heavy-duty floor	as per request	Yes
7 OSB wood plate floor	1,000 kg/m ²	To some extent



In many cases, the existing floor such as **7** interlocking paving or **8** asphalt is completely sufficient for our structure and the planned type of usage. The production of complex concrete foundations is not necessary for the erection of the structure.

Accessories

Lighting, rain gutters, heating, air conditioning, ventilation and security systems – the range of accessories for our temporary warehouses and temporary buildings will satisfy all your needs.

Your demountable warehouse is not complete without lighting, rain gutters, heating systems, air conditioning, impact protection or fire escape route lighting. In a detailed consultation about your project, we will determine with you which accessory systems make sense for your application. We will take care of delivery, setting up and assembly. If your requirements are not covered by our standard range, we will look for the right system for you on the market.

Fire regulation!

In case special fire regulations apply to your building, speak to us. We are experienced in finding solutions!



Lighting systems



1



2



3

2 Light fittings with 2 x 55 W are our standard lighting system. If you would like to generate certain Lux values or would like a different lighting system, please contact us. We also offer LED lamps of different strength.

Lights

1 LED lamp IP 54

2 Lamp IP 54

3 Exterior lamps with sensors



Rain gutters & awnings



4

4 Sturdy PVC rain gutters are part of our standard range and are directly mounted by our teams during the assembly of your semi-permanent structure. Particularly for large roof areas, it is recommended to ensure controlled drainage of the rainwater.

5 Awnings to avoid rain getting into the building or a parcel logistics customer.



5

Heating, air conditioning and ventilation



6



7



8



9

6 - 11 Herchenbach offers various heating, cooling and ventilation systems depending on the specific project needs. We also work with local suppliers to ensure high service levels and fast response times. Our in-house technical team regularly develops custom solutions combining various solutions available on the market.



10



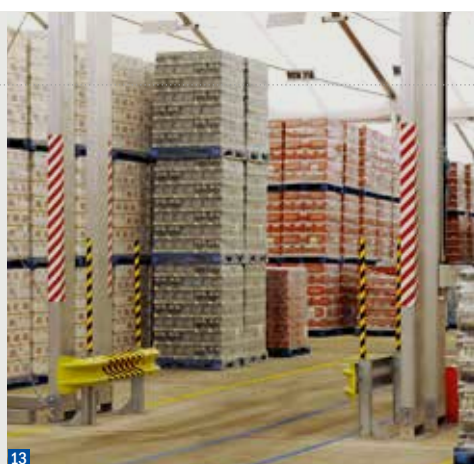
11

Other heating systems on request.

Safety & security



12



13



14

12 - 15 Safety solutions are a prerequisite and an essential part of your Herchenbach structure. A selection of our range is shown here: fire extinguisher next to a emergency exit door with panic lock, beam barriers as an impact protection along a drive-through area between two bays of a multi-aisle warehouse with 11,000 m² storage area. The third picture shows an emergency exit



15

Wall sealing



16



17

16 - 17 Wall sealings with enkopur (recommended option) or bitumen. Functional protection from water ingress installed by our experienced installation crews to keep your goods dry.

Our services for your structure

We serve customers across Europe from our central headquarter in Hennef (Cologne-Bonn region, Germany) as well as from our UK office in Skelmersdale (Lancashire) and our France/BeNeLux office in Metz. We assure you expert and objective advice and responsive service from your first call.

Assembly / installation

We take care of the complete assembly of your structure – from the transport to site, to the structure assembly, the installation of doors, gates and windows or the hanging of lights. Our experienced supervisors, project managers and technicians will ensure that everything runs smoothly and according to schedule.

Approval process - Building / Planning application

All Herchenbach static plans are certified by the TÜV technical agency and are designed in accordance with BS EN 1991 (British Regulation) structural codes for permanent installation. All Eurocode norms are fulfilled as well so the building is suited to the loadings at the installation location. All respective documents and certificates are available upon request. If you need support with or during the approval process with any authority, our experts can offer you support – from the building/planning application to the fire regulation experts that are familiar with our structures.

Relocations, de-installations and extensions

Our building experts can rapidly relocate, de-install or enlarge your building. Size reductions and modifications of accessories are possible as well. Your project manager can advise you on this. Compared to conventional buildings, typically over 95% of parts can be re-used after a de-installation (apart from worn & torn pieces). This protects your investment



1-2 Whether with a scissor platform, a forklift truck or a mobile crane, our teams will competently and expertly erect your structure within a very short time.

Transport

Our price quotes include the transport of the building to the installation site. If desired, you can of course pick up your structure ex works. But the majority of our customers make use of our transport service. We deliver the buildings rapidly and reliably with our own vehicles or with our partner companies.

Maintenance and repair

While manoeuvring with the forklift truck, a tarpaulin was torn, a piece of sheet metal dented or a column damaged? No problem for our national and international on-call maintenance and repair teams. We stock all spare parts so that they are instantly available - one of the benefits when working directly with the manufacturer such as Herchenbach. Our teams repair most damages on site.

Research & Development

Special folding gates for an aircraft hangar, special gate heights for special vehicles, dust-free structures, special lighting concepts, high-speed gates for demanding requirements in the logistics sector? Our technical department will be happy to help you develop individual solutions to solve your company's problems.

Consultation and planning

In the project preparation, you can benefit from our extensive experience based on many decades of installing semi-permanent structures. We can provide your planners or architects with drawings of the layout developed for you. Just give us a call and ask for a first non-binding and free on-site appointment.



3-5 Our experienced installation crews install your building on-site rapidly and with full consideration of all Health & Safety requirements. **6** All buildings come with a BS EN 1991 (Eurocode) static plan and drawings are, of course, included in the quoted price you receive when you place a request with us.

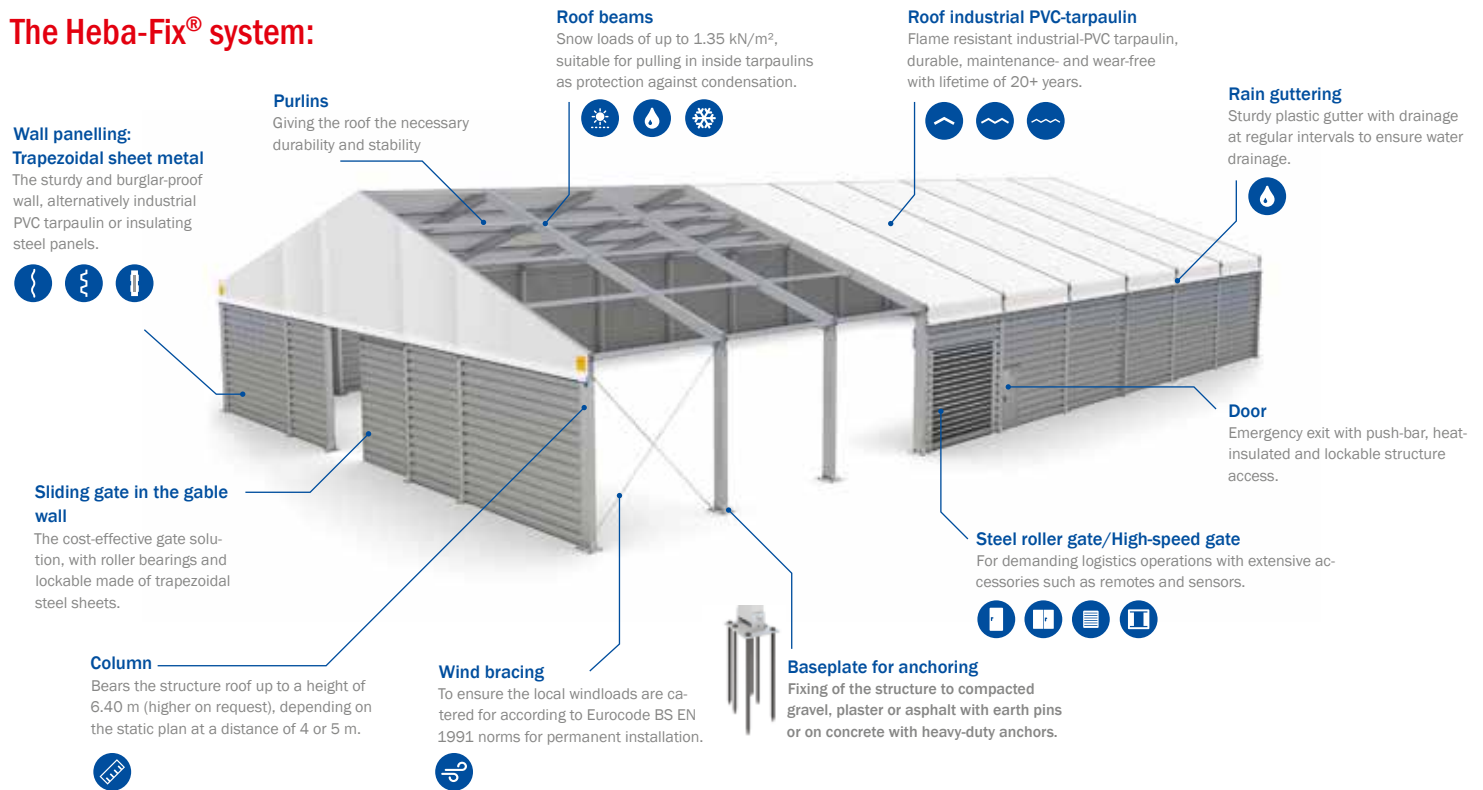


Technical data

Product/Product feature	Properties
Snow loads	Snow loads of up to 1.35 kN/m ² (higher loads on request), depending on the specific installation site
Wind loads	High wind loadings › In accordance with BS EN 1991 (EUROCODES) and the site specific loadings › Wind loads up to 1.0 kN/m² (higher wind loads are possible on request)
Effective height within the building	› Full effective clearspan height up into the eave, without tension tie up to the ridge › Heba-Fix® buildings do not need any corner struts or junction plates
Structures	› 100% structurally sound › Particularly stable, low-wear (durable) and corrosion-free high-grade aluminium structures
Roof	› White, translucent and durable industrial tarpaulin (commercial grade) › Translucent inside tarpaulin as condensation-water protection › Heba-Therm® tarpaulin for roof insulation › Hard roof in case of fire regulation requirements
Side walls	Selection of › Tarpaulin (standard colour: similar to RAL 6026) › Trapezoidal sheet steel metal (standard colour: RAL 9006) › Insulated steel metal panels (standard colour: RAL 9006) › On purchase: Colour can be selected from an extensive palette
Tarpaulins	› Flame resistant in accordance with EN 13501 › Weight: 650 g /m² › Of at least 250 kg per 5 cm tarpaulin › Coating on both sides – on request, different colours › On purchase: Selection from an extensive colour palette (similar to RAL) › Additional inside tarpaulin possible as condensation protection
Tarpaulin gable	Multi-part tarpaulin gable › Increased windproof-ness › Reduced wear & tea
Heba-Therm®	Patent-protected Heba-Therm® insulated tarpaulin › With heat transmission coefficients of 0.85 W/m² K › Suitable for both tent roof and tent walls › Flame resistant in accordance with EN 13501
Gate integration	Easy and cost-effective installation of large gates in the walls › Distance of 4 m and 5 m between columns (saves costs for expensive steel supports) › Due to fewer wind bracing fields, more gates can be integrated in the side walls › Stable bolt lock for tarpaulin gates instead of simple straps
Tubular steel in the tarpaulin pockets	Tubular steel in the tarpaulin pockets for even distribution of the bracing forces
Thread rod pressure suspension	Pressure suspension of the tarpaulins on ridge and floor › Wear- and maintenance-free › Protects against theft and vandalism › Avoids water bulges
Specially developed clamping profiles	Flexible clamping profiles for attaching fixed walls without rivets or screws

Technical description

The Heba-Fix® system:



Clear Width (m)	Eave height (m)	Roof pitch	Ridge height (m)	Modular dimensions (m)	Snow load ¹ (kN/m ²)	Wind load ² (kN/m ²)
5.00	3.4 / 4.4 / 5.4 / 6.4	18°	4.22 / 5.22 / 6.23 / 7.23	4.00 / 5.00	0.52 - 1.25	0.50 - 0.71 +
7.50	3.4 / 4.4 / 5.4 / 6.4	18°	4.62 / 5.62 / 6.63 / 7.63	4.00 / 5.00	0.52 - 1.25	0.50 - 0.71 +
10.00	3.4 / 4.4 / 5.4 / 6.4	18°	5.03 / 6.03 / 7.04 / 8.05	4.00 / 5.00	0.52 - 1.25	0.50 - 0.71 +
12.50	3.4 / 4.4 / 5.4 / 6.4	18°	5.43 / 6.43 / 7.43 / 8.45	4.00 / 5.00	0.52 - 1.25	0.50 - 0.71 +
15.00	3.4 / 4.4 / 5.4 / 6.4	18°	5.84 / 6.84 / 7.85 / 8.85	4.00 / 5.00	0.52 - 1.35	0.50 - 0.71 +
20.00	3.4 / 4.4 / 5.4 / 6.4	18°	6.65 / 7.65 / 8.65 / 9.65	4.00 / 5.00	0.52 - 1.35	0.50 - 0.71 +
25.00	3.4 / 4.4 / 5.4 / 6.4	18°	7.46 / 8.46 / 9.46 / 10.46	4.00 / 5.00	0.52 - 0.92	0.50 - 0.81 +

Depending on the static plan, changes are possible. With specific structural calculations wind loads of up to 1.0 kN/m² are realisable.

¹ higher possible on request ² higher possible on request

Delivery times: Within days – if in stock. Otherwise within a few weeks.

Length: In general, you can choose flexibly. Our standard modular dimensions, which is most cost efficient, are in segments of 4.00 m or 5.00 m.

Width: Larger widths than the ones stated above can be obtained by multi-aisle constructions. Custom sizes are available upon request.

Recent Projects



1 Structure for chemicals storage in the Swiss Alps near ChurVV. 2 TX building with industrial-PVC gable triangles. 3 Connection to existing building. 4 Warehouse building with loading bay docks for lorries and containers. 5 Office building with windows. 6 Logistics building. 7 Helicopter hangar at the North Sea. 8 Building with air circulation. 9 TI building with sliding gate. 10 Vehicle manufacturer's semi-permanent building with sectional gates and smoke extraction window in gable. 11 Fire-truck building. 12 Building with tarp. gates.



13 Building with three interconnected bays. **14** Building with integrated ventilation sections. **15** Group of structures at a major automotive supplier. **16** Wall connection of a temporary warehouse. **17** Awnings are popular in logistics. **18** Connected bays with a turbo tarpaulin gate at an automotive supplier. **19** Manual roller door with bumpers and rain guttering. **20** 25m wide II+GD building with 2 roller shutter gates. **21** Gates for vans at a parcel delivery customer. **22** Lorrie docks. **23** Warehouse with loading bay for a manufacturer.

11,000 m² storage space to Wales in 5 weeks



In order to save on transport expenses for finished products, a major brewery commissioned Herchenbach to supply a three-bay 11,000 m² warehouse building. The challenge was to deliver and set up the building ready for use in less than 5 weeks. The hand-over took place after exactly 4 weeks and 3 days.

Highlights

11,000 m² warehouse surface

5 weeks construction duration

5 high-speed roller doors

18.50 m wide sliding gate in an aircraft hangar



Our customer was looking for a 1,200 m² insulated temporary building with a large sliding gate in the gable wall, for use as a hangar for small and commercial aircraft. Herchenbach's engineers developed a customized solution with a 18.50 m wide gate and the building was installed within two weeks.

Highlights

1,200 m² Building

Oversized gable sliding gate

Static plans for wind-exposed region

Lighting and rain guttering



Hire with Herchenbach – The clever alternative:

- › Flexible planning & duration: time and space for your core business
- › Immediately tax-relevant & liquidity protecting: capital and resources for your core business
- › Attractive terms & quick delivery: installation in a few weeks

– Since 1924 –

HERCHENBACH
Buildings and Warehouses



Contact / Quotes

Our team is looking forward to advising you. Please call or e-mail us today for a free, customised temporary building quote and a free site-visit.

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