Care SHELTER

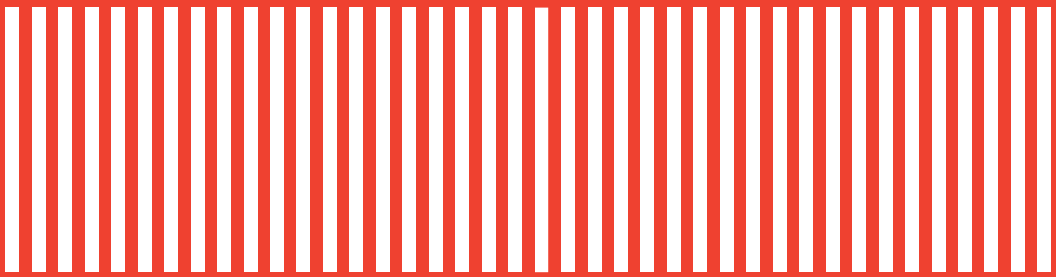
designed and constructed
by Ark-Shelter

Care SHELTER

living autonomously next door

www.ark-shelter.com

- Perks of Ark
- S-helters
- M-odular
- How we work
- Interested?



Independent and nearby



A place to increase your independence, improve your mobility, and enjoy that family connection. With an Ark-Shelter as a care solution you will reside in an ideal space with adapted architecture and a warm interior. Imagine a place that resolves the struggles you experience nowadays and allows you to reinforce your own independence, while remaining in your trusted environment. The large windows and natural materials create a soothing and energizing atmosphere, bringing out the best life has to offer.

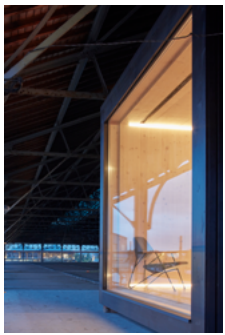


Wow-Shelter

Through the years we've made some different and challenging realizations. From a sauna on skis to a floating restaurant on a lake. A cabin flying high in the sky by helicopter to be installed on a rooftop deck.









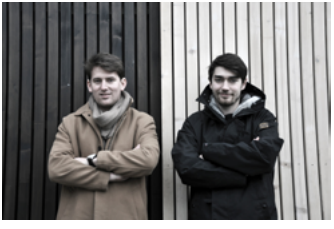



















K50 EGK



Perks of Ark

Flexible — Our realisations can be single units, or a combination of multiple units in multiple stories. This way it's an ideal fit for private individuals or families, but also for large healthcare companies looking for ecological and circular infrastructure for countless possible purposes.

Adaptable — Every project is designed around the purpose it serves or the needs of its users. By doing so we ensure that every project fulfils all expectations and requirements.

Accessible — When designing a project, we always keep the ultimate user(s) in mind. This way, people with a possible disability can move freely through and to the unit(s). A level of freedom that their unadjusted home could not offer them.

Comfort — Every project aims to reinforce the user's independence. They come equipped with all modern-day comfort and additional smart technologies and design features ensure a reinforcement of our user's independence.

Connected — Our applications for private use strive to create the best possible connection between the user and the care giver. Each of these enjoys their full privacy as if they were living individually, but has the peace of mind that, if necessary, someone is always nearby.

Healing — The usage of wood gives our units a warm and soothing, yet modern air, combined with the inflow of natural light through the large windows, ensures an optimal atmosphere.

Fast — Our prefabricated building process ensures you can start to enjoy your cabin within the briefest delays. With the right preparation of the utilities, installation merely takes 2 hours with virtually no on-site work except connecting the utilities.

Care



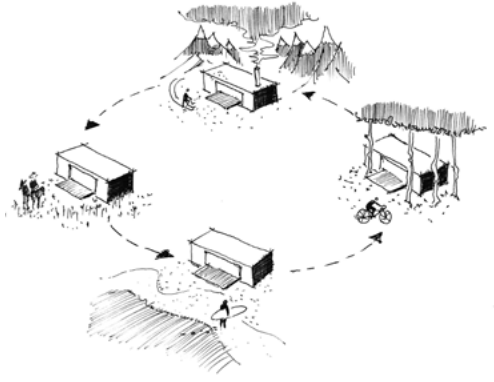
Ecologic

Water retention in the country — 30cm thick the green roof of substrate with a hydroaccumulation layer can catch impact rains, unlike ordinary sloping or flat roofs.

Multiplication of the country ‘s habitat area — the combination of a green roof with the installation of the object on pillars to levitate over the untouched landscape doubles the area of the landscape habitat.

Maintaining the natural climate of the forest environment — the green roof, wooden facades and ventilated soil under the building absorb heat during hot days, water during heavy rains and then gradually release into the environment, similar to the habitat of forests and meadows of the surrounding landscape.

Material fusion with the landscape — wooden facades made of vertical black slats merge with the trunks of the tree line surrounding the forest. Close contact with the forest evokes the atmosphere when the treetops above the buildings are formed by imaginary saddle roofs, this phenomenon is also manifested when viewed from the interior through the glazed parts of the roofs when the treetops are formed by exposed structures of vaults and trusses.



Prefabricated

Minimization of tree felling — due to the fact that the modules are finally manufactured in the factory, they can be planted as cells exactly between the tree trunks on pre-prepared ground screws, so there is no risk of breaking the root systems or trunks and the buildings come into closer contact with the forest.

Minimization of construction traffic and waste — the finished modules are mounted on the ground screws by means of a crane within one day, which, even with the preparation of the ground screws, reduces the construction process with one week. In contrast to standard masonry construction, which lasts X months and, in addition to noise, also leaves construction waste after concreting or waste from individual building materials, our method of construction is far more liberating for the surrounding landscape.

Local materials and economy — cabins are a Slovak product made from ecological materials in order to support the Slovak economy.



☐ S-helter

Single Cabins

wide	**3 m**	**3,5 m**	**4 m**	**4,5 m**
maximum length				**13,5 m**

⊞ M-odular

Combination of multiple cabins together

■ Ideal for

Mobile care homes

Elderly Homes

Healthcare centres

Daycares

Schools

Care



S-helter

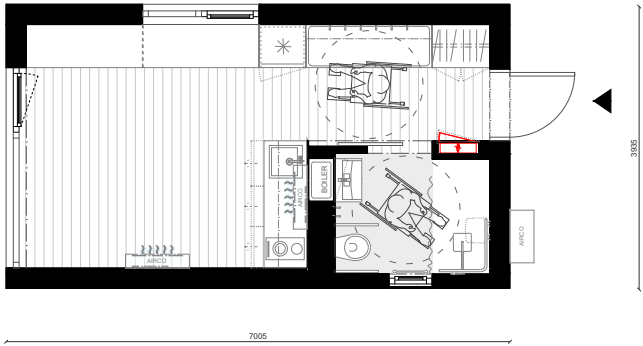
Standard Cabins

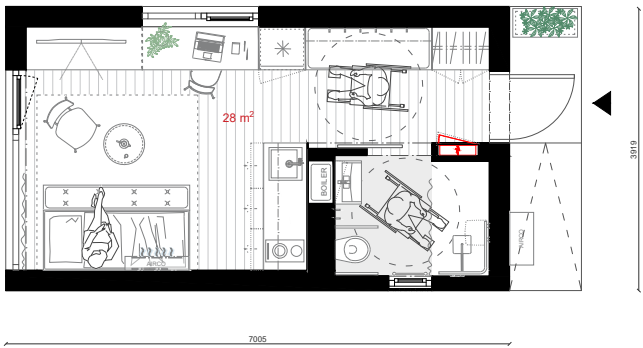
Model S

Dimensions 7 m x 4 m



This unit is compact, well equipped and can optionally be fitted with a kitchen. Large windows, naturally insulating wood and an ecofriendly heatpump, which serves as airco in summer, ensure the connection to nature whilst enjoying the optimal inside climate. This care home is designed to increase the independence of it's users. We want them to feel at home and enjoy all modern comfort in a space that feels much larger than it is.


BOILER
AIRCO
AIRCO
AIRCO
3935
7005


28 m2
BOILER
AIRCO
AIRCO
3919
7005







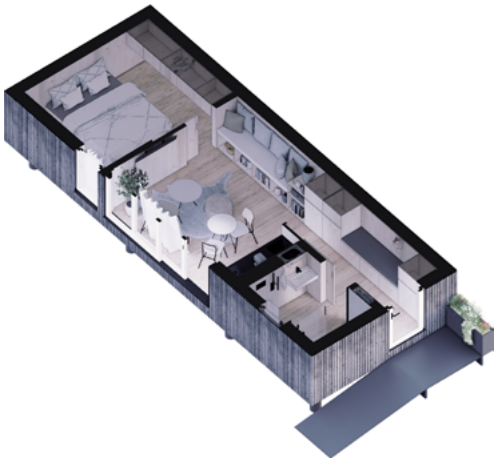


S-helter

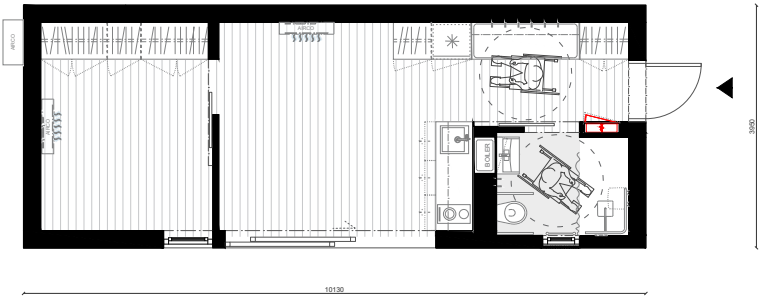
Standard Cabins

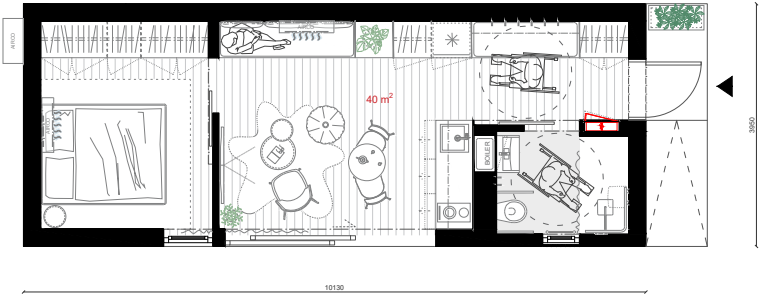
Model M

Dimensions 10 m x 4 m



This 40 square meter Care-Shelter is equipped with everything you need for one or 2 people to live independently. All modern comfort and accessibility at your finger tips. The wheelchair accessible bathroom boasts a large walk-in shower. The kitchen is equipped with all appliances and an optional dishwasher. The living room is spacious enough to welcome friends and family and the bedroom has built-in wardrobes. Large windows, naturally insulating wood and an eco-friendly heat-pump, which serves as air-co in summer, ensure the connection to nature whilst enjoying the optimal inside climate.


ARMOIRE
BOILER
3980
10130


ARMOIRE
40 m²
BOILER
3980
10130









S-helter

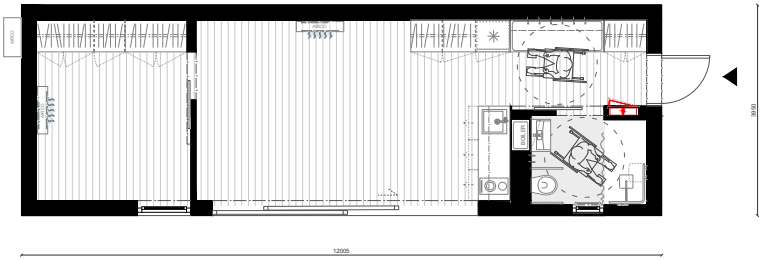
Standard Cabins

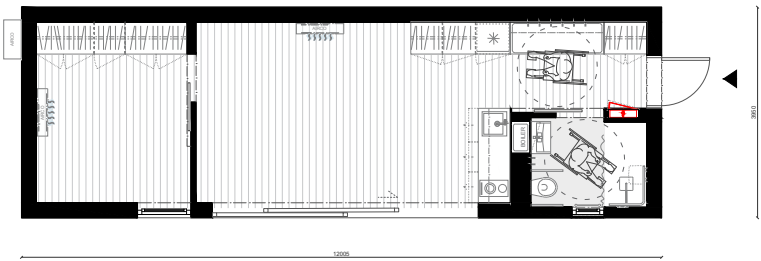
Model L

Dimensions 12 m x 4 m



This cabin feels so much bigger than 48m2 due to its large open living space, full height windows and ample closet space. The completness of the kitchen can charm the most avid cooks with enough room to welcome family and friends. The bathroom is fully equipped with a walk-in shower and the heat-pump ensures the indoor climate is always optimal. In this modular care home you will feel right at home. The layout is designed so you can move freely without obstructions. An architecture that brings peace to your senses and energizes the body and mind.

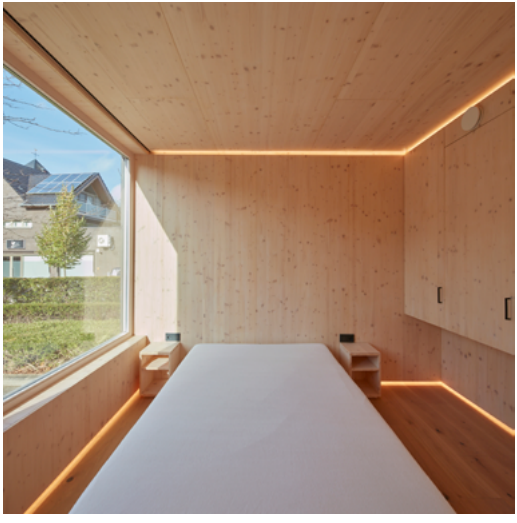

12005
3910


12005
3910









S-helter

Custom Projects

wide 3 m 3,5 m 4 m 4,5 m

maximum length 13,5 m



Custom is where we excell. We strive to create projects that combine the user's needs and desires and the surrounding's aesthetics. Together we develop the plan where our clients enjoy the freedom to realize their dreams. Our interior architects will advise you about all the possible materials and color schemes one can choose from. As per usual, your cabin will be equipped with all modern techniques and appliances. Together we can create the perfect solution combining your needs and your desires the result is a modular care home that feels larger than it is, reinforcing your independence and mobility, energizing your mind and body, whilst staying in a trusted environment close to family and friends.







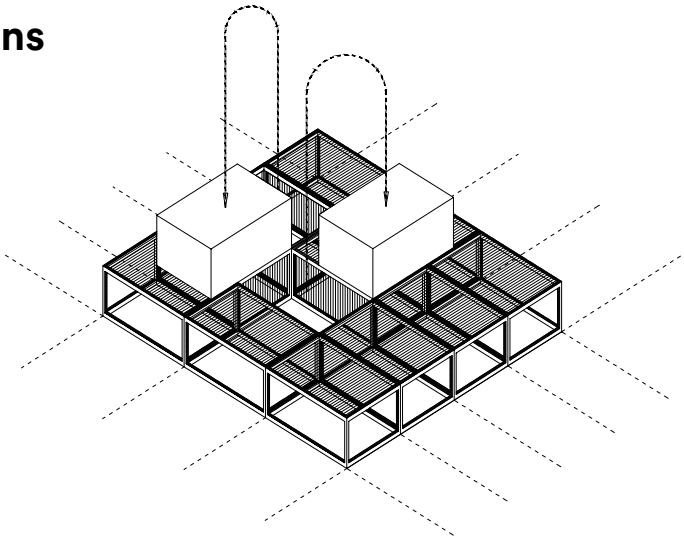




☐ M-odular

Modular projects consisting of multiple combined cabins

Dimensions **Limitless**



Our single cabins are fast, flexible and ideal for private use. But that's not where our possibilities end. Modular construction offers the possibility create large structures by combining various separate elements. Our architects will diligently draw a plan to the smallest detail. That plan will be turned into reality in our ateliers. By limiting on-site work to a minimum this is by far the quickest and most versatile building process. In no other way will your investment start creating returns as quickly. Here you see Warm Nest, a centre for patients' mental well being located next to " 't Anemoontje, a modular daycare also built by Ark-Shelter.

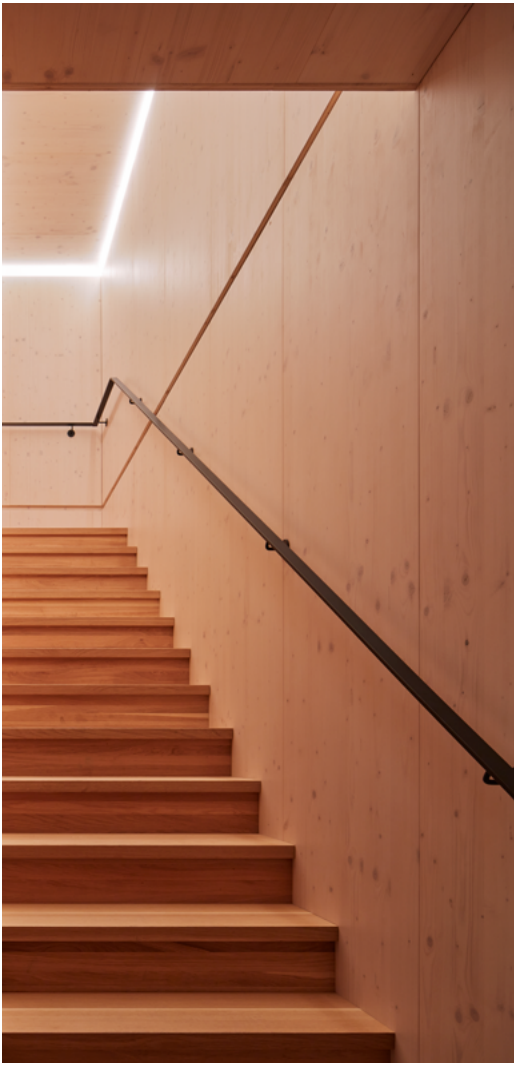






□ ??? foto ©???

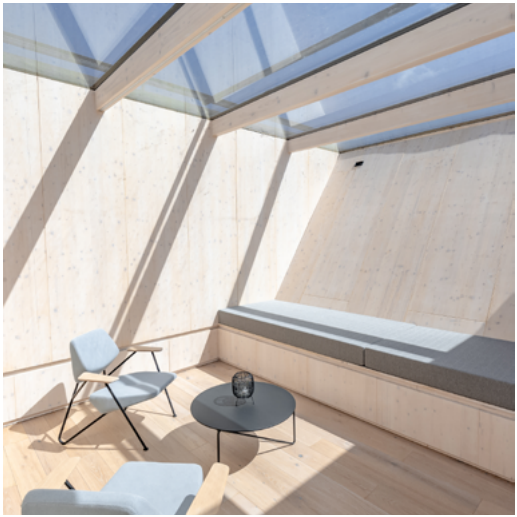
















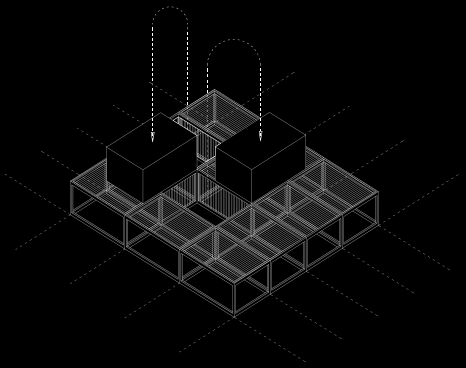
The way we work

We find out your needs, design multiple variations with 3D renders and we present you the project with a full budget.



01

Let's get to know each other — We are interested in hearing about your project and ideas! Explain your imagination to us, and we will show how our modular building system can help to realize your vision.



02

Let's go designing — We start drawing, in close dialogue with you. We take your ideas and turn these into a plan with renders and detailed drawings. Once satisfactory we will calculate the detailed building budget. Due to our controlled and streamlined production process the budget is in tighter control than through regular building.



03

Let's build and place — Once we start manufacturing your vision, our dialogue will rapidly accelerate. You can see your dream growing. Once it's ready, we deliver it and install it at your desired location.



04

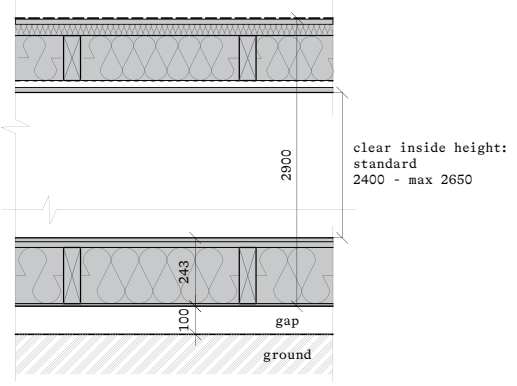
Change your projects — Whenever you feel the necessity of change or any evolution; contact us and we will show you several options on how your building can easily transform.

⊠ Composition of cabin structures

Roof & Floor

Basic

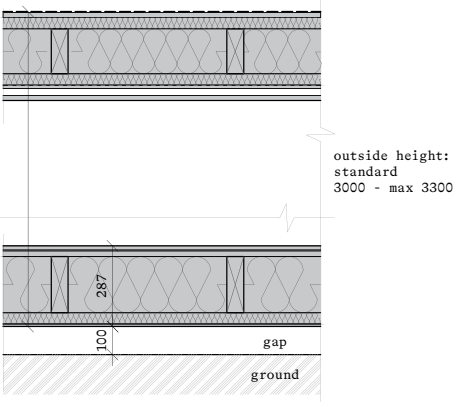
- hydroinsulation TPO foil / flagon/
- OSB board / 18 mm / hydroponic OSB
- levelling framing + thermal insulation, mineral rockwool boards in the slope 20-100 mm
- construction timber / height 160 mm / + thermal insulation, mineral rockwool boards / rockmin plus 160 mm /
- double tape Rothoblaas Double Band
- reflective foil delta Rothoblaas BARRIER ALU NET SD150 or DÖRKEN
- sealing tape Rothoblaas Nail plaster Gemini
- timber framing / 25 mm / for instalation wiring
- bioplate or Clicwall - wooden cladding / 18 mm /



- OAK floor / 14 mm / or VINYL floor / 6,5 mm /
- OSB board / 22 mm /
- construction timber / height 200 mm / + thermal insulation, mineral rockwool boards / 200 mm /
- watherproof plywood board / 9 mm /

Plus

- hydroinsulation TPO foil / flagon/
- OSB board / 18 mm / hydroponic OSB
- levelling framing + thermal insulation, mineral rockwool boards in the slope 20-100 mm
- construction timber / height 160 mm / + thermal insulation, mineral rockwool boards / rockmin plus 160 mm /
- double tape Rothoblaas Double Band
- reflective foil delta Rothoblaas BARRIER ALU NET SD150 or DÖRKEN
- sealing tape Rothoblaas Nail plaster Gemini
- timber framing / 25 mm / for instalation wiring
- bioplate or Clicwall - wooden cladding / 18 mm /

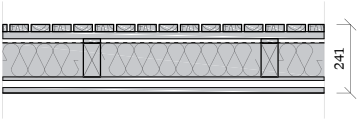


- OAK floor / 14 mm / or VINYL floor / 6,5 mm /
- OSB board / 22 mm /
- construction timber / height 200 mm / + thermal insulation, mineral rockwool boards / 200 mm /
- extra thermal insulation, mineral rockwool boards / 40 mm /
- watherproof plywood board / 9 mm /

Wall

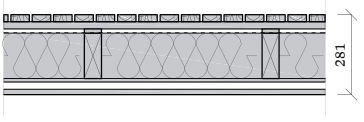
Basic

- thermowood or impregnated spruce facade / 25 mm / - slats 60 x 25 mm
- cross netting / impregnated spruce 25 mm / - battens 60 x 25 mm
- vertical netting / impregnated spruce 15 mm / - battens 60 x 15 mm
- black facade foil / DÖRKEN - DELTA®-FASSADE PLUS, diffuse / or Rothoblaas
- construction timber / 120 x 60 mm / + thermal insulation, mineral rockwool boards / rockmin, 120 mm /
- OSB / 12 mm / glued and taped to make a moisture membrane
- timber framing / 25 mm / - battens 60 x 25 mm
- bioplate or Clicwall - wooden cladding / 18 mm /



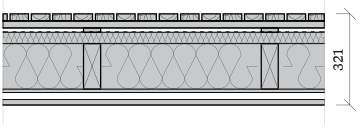
Standard

- thermowood or impregnated spruce facade / 25 mm / - slats 60 x 25 mm
- cross netting / impregnated spruce 25 mm / - battens 60 x 25 mm
- vertical netting / impregnated spruce 15 mm / - battens 60 x 15 mm
- black facade foil / DÖRKEN - DELTA®-FASSADE PLUS, diffuse / or Rothoblaas
- construction timber / 160 x 60 mm / + thermal insulation, mineral rockwool boards / rockmin, 160 mm /
- OSB / 12 mm / glued and taped to make a moisture membrane
- timber framing / 25 mm / - battens 60 x 25 mm
- bioplate or Clicwall - wooden cladding / 18 mm /



Plus

- thermowood or impregnated spruce facade / 25 mm / - slats 60 x 25 mm
- cross netting / impregnated spruce 25 mm / - battens 60 x 25 mm
- vertical netting / impregnated spruce 15 mm / - battens 60 x 15 mm
- black facade foil / DÖRKEN - DELTA®-FASSADE PLUS, diffuse / or Rothoblaas
- extra thermal insulation, mineral rockwool boards / 40 mm / in horizontal direction
- construction timber / 160 x 60 mm / + thermal insulation, mineral rockwool boards / rockmin, 160 mm /
- OSB / 12 mm / glued and taped to make a moisture membrane
- timber framing / 25 mm / - battens 60 x 25 mm
- bioplate or Clicwall - wooden cladding / 18 mm /



* fireproof regulations are individual case by each country

In

Showcasing a distinct style whilst always expressing our clients specific desires. That's why we offer a range of colours and textures to chose from, so their Ark represents their identity. Walls, closets, ceiling, kitchen — other design upon request

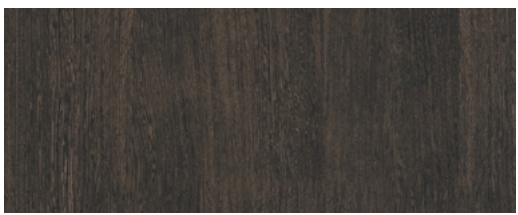


Bioplate — UV protected 3 layered wood with a modern look and classic cottage features.



Tossini Olm White — Contemporary look and versatile material, ideal for a timeless air.

Front White — Sleek, modern, ideal for ceilings and walls.



Kivu Wenge — Warm and dark, creating a trendy and intimate atmosphere.

Out

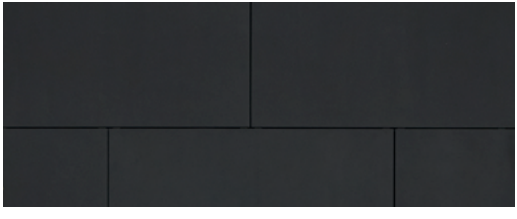
Some want their Ark to stand out, others want it to blend in. This is why there are different exterior choices to choose from. These options reflect our brand aesthetics; but out of the box solutions can also be discussed such as a mirror or glass finish.



Black Pine — black impregnated pine, a sleek and dark look blending into nature.



Themo Ayous — A redish look at first that slowly turns grey. No maintenance needed.



Eternit — Facade panels that offer various aesthetics options.

FAQ

Do I need a permit?

For care purposes you do not need a permit. A notification is sufficient, but we will always check this with local authorities. This notification is valid for 3 years and renawble for another 3 years. Afterwards a permit must be applied for unless the procedure changes and allows a continuation of the notification

How are Care Shelters adapted to the needs of elderly and people with a disability?

See the previous page. Here we would also like to point out that these modules are also ideally suited for people with a mental or physical disability that want to enjoy some more privacy or learn to be more independent.

Where can Ark-Shelters be placed?

Virtually anywhere, forrests, mountains, countryside, rooftops etc. As long as the road towards the location is accessible by truck and the crane has a reasonable operating area.

Can the unit be easily removed?

As easy as it is placed, as easy it is to remove our cabins and place them anywhere you want.

How long does it take to deliver a cabin?

Production processes are extremely streamlined, so the production does not take long as soon as we have a production slot. We aim to have a maximal delivery time of 6 months. If we can do it sooner, we will!

How expensive is transport?

When buying a Shelter the transport towards the location is always included.

How long does it take to install a Shelter?

Installing a single module takes less than 3 hours with accurate preparations. The connections shouldnt take more than 2 hours. Meaning the Shelter is accessible the same day. Larger projects are wind and waterproof connected in one day, we already constructed 400 square metres in one day!

What is not included in the price of a Shelter?

- Ground screws for foundation, as these depend on the type of soil.
- Telescopic Crane — How far and how high the module needs to be lifted will determine the weight and thus the price of the crane.
- Utilities — this is very specific from location to location. This can be done by your usual contracter, or can be done by us. We will always give a price indication prior to starting.
- Connection — placing the unit on its screws is included in the purchase price, the connection is not and is calculated at an hourly rate.

How durable is an Ark-Shelter?

For starters, wood is the only material that can regenerate in a sustainable way. As long as the breathing shell (layers) remain intact it will last for generations. The added benefit of the materials is that you can easily replace them, making renovations quick and easy.

Are Ark-Shelters Green?

We have created modules that are entirely off the grid, filtering their own water and creating and storing their own energy. Wood is a natural insulator and thus an ideal construction material. You can chose from 3 thickness of insulation, and high performance windows ensuring we have the right fit for your desires. The roof allows for an easy installation of solar panels.

Do they offer the same comfort as a traditional building?

We use the latest technologies and appliances. The heatpump ensures a constant climate throughout the year as it can also serve as Airco in summer. We build more efficiently, with less waste, with less trasnports, with great respect for budget and quicker than the traditional process, but your options are just as versatile.

Interested?

Find your place, point your finger where you want it.

call **+32 499 355 426**

write **pieter@ark-shelter.com**

BIG SEE Wood Design Award 2023 Winner

CE ZA AR Prize for Architecture 2023 Winner Slovak Chamber of Architects

BIGSEE ARCHITECTURE AWARD 2022 WINNER

BIGSEE WOODDESIGN AWARD 2022 WINNER

reddot winner 2020

CE ZA AR Prize for Architecture 2019 Winner Slovak Chamber of Architects

BIGSEE ARCHITECTURE AWARD 2019 WINNER

RREC ROLLS-ROYCE ENTHUSIASTS' CLUB 2018 SHOWCASE OFFICIAL PARTNER WWW.RREC-SHOWCASE.COM

Care