

ARHITEKTURA
& PROJEKTI
ARCHITECTURE
& DESIGN

pillar

Pillar d.o.o.

PILLAR d.o.o.

Videmska 1a
1000 Ljubljana

T. +386 1 5055 856

G. +386 41 64 44 95

E. modeko@pillar.si

W. www.pillar.si

IZDELAVA
& TEHNOLOGIJA
FABRICATION
& TECHNOLOGIE



RIKO[®]
Riko Hiše

RIKO HIŠE d.o.o.

Bizjanova 2
1000 Ljubljana

T. +386 1 836 10 95

T. +386 1 837 26 11

F. +386 1 836 99 36

E. info@riko-hise.si

W. www.riko-hise.si

LESENA HIŠA
WOODEN HOUSE

**sam
sebi
arhi
tekt**

architect to oneself

lesena hiša
modeko[®]
izdelano v **RIKO HIŠE**



pillar
Pillar d.o.o.



RIKO[®]
Riko Hiše



LESENA HIŠA MODEKO

Predstavlja arhitekturno sodobno, ekološko prestižno in energetske varčno gradnjo logično zaključenih lesenih enot, zasnovanih v podjetju PILLAR d.o.o. in v celoti predizdelanih v proizvodnji RIKO HIŠE d.o.o. Modularnost zasnove omogoča neskončne tlorisne možnosti, rast v vertikali in horizontali ter možnost prilagajanja urbanemu in ruralnemu okolju. Odvisno od potreb, želja in zmožnosti naročnika, ki postane **sam sebi arhitekt**.

BISTVENE LASTNOSTI LESENE HIŠE MODEKO:

Sodobna arhitektura
Vertikalno in horizontalno modularna
Predizdelana
Ekološko prestižna
Energetske varčna
Potresno in požarno varna
Cenovno ugodna in visoka kakovostna
Premična

Sodobna arhitektura

Zaradi svoje jasne arhitekture ravnih in nevsiljivih oblik ter velikih steklenih površin, je leseno hišo Modeko mogoče postaviti v vseh arhitekturnih okoljih. Les kot zunanji zaščitni sloj nosilne konstrukcije predstavlja izreden oblikovalski element, ki se lepo vklaplja tako v urbano kot tudi v ruralno okolje. Raznolikost lesa, način njegove uporabe in izgled ponujajo nešteto gradbenih možnosti, ki dajejo stavbi novo, višjo vrednost.

Vertikalno in horizontalno modularna

Tlorisi štirih različnih in med seboj sestavljivih ter kompatibilnih enot so zasnovani na kvadratni mreži-modulu 60/60 cm.

WOODEN HOUSE MODEKO

Represents a contemporary, ecological and energy efficient construction of logically enclosed wooden units, designed in PILLAR d.o.o. and entirely prefabricated and manufactured in RIKO HOUSE d.o.o.. Modular design enables endless ground-floor arrangements, horizontal or vertical assembly, and a possibility to completely adapt to the urban and rural environment. It all depends on the requests and capabilities of the buyer, which becomes **his own architect**.

FUNDAMENTAL PROPERTIES OF THE WOODEN HOUSE MODEKO:

- Contemporary architecture
- Vertically and horizontally in module proportion
- Prefabricated
- Ecological and environmental friendly
- Low energy efficiency
- Seismic and fire safety
- Economical and of utmost quality
- Mobile

Contemporary architecture

Wooden house Modeko can be placed in any environment, due to its clear architectural design of straight and unobtrusive shapes, and large glass-covered surfaces. Wood, which is used as an external protective layer of the internal supporting construction, represents an exceptional element for the design, which fits well into the rural and urban environment. Diversity of wood, its applicability and appearance offer an endless number of construction possibilities, which add a new, higher value to the building.

Vertical and horizontal modularity

Ground plan of four different, but compatible and completely connectable units is designed on a square module/mesh of 60/60 cm.



Enota 12/6 neto 24,85 m² bruto 30,40- 33,24 m²

Namembnost: bungalov, kuhinja, jedilnica, dnevna soba, zimski vrt, lokal...

Enota 9/6 neto 18,55 m² bruto 23,20- 25,60 m²

Namembnost: bungalov, kuhinja, jedilnica, dnevna soba, zimski vrt, lokal...

Enota 6/6 neto 12,25 m² bruto 16,00- 17,79 m²

Namembnost: kopalnica, soba, spalnica, zimski vrt, lokal...

Enota 3/6 neto 5,95 m² bruto 8,80-10,34 m²

Namembnost: kopalnica, kabinet, hodnik, stopnišče, utility, garderoba, vhod...

Zaradi modularne zasnove je izredno fleksibilna in predstavlja neskončne možnosti sestavljanja glede na želje, možnosti in potrebe naročnika. Omogoča poljubno rast v vertikali in horizontali. Začetna investicija je tako občutno nižja, saj kupimo toliko hiše, kot je potrebujemo ali kot nam dopuščajo finance.

Z leti, ko potrebe naraščajo, pa tej začetni osnovi poljubno dodajamo nove, po izgledu povsem enake enote. **Hiša z nami raste.**

Lahko pa se hiša z nami tudi »manjša«. Če nam del hiše, ki je zaključena enota, ne ustreza ali, če ga ne potrebujemo več, ga enostavno odstranimo in v enem kosu prepeljemo na drugo lokacijo, kjer lahko postane izhodiščna enota, okoli katere nastaja nova hiša. **Posadimo novo hišo.** Ali pa ga enostavno prodamo. Le pohištvo moramo odstraniti.

Predizdelana

Posamezna enota je pri proizvajalcu izgotovljena v celoti in s tovornjakom prepeljana na lokacijo naročnika. Tam jo na predpripravljeno osnovo (ponavadi betonsko ploščo ali pasovne temelje) enostavno montiramo. Vgrajene so vse instalacije, obdelane so vse stene, stropovi, tlaki in fasade, okna in vrata so že vgrajena.

Le še pohištvo nam manjka in lahko se vselimo.

Unit 12/6 net 24,85 m²

gross **30,40- 33,24 m²**

Purpose: bungalow, kitchen, dining room, living room, conservatory, pub, ...

Unit 9/6 net 18,55 m²

gross **23,20-25,60 m²**

Purpose: bungalow, kitchen, dining room, living room, conservatory, pub, ...

Unit 6/6 net 12,25 m²

gross **16,00- 17,79 m²**

Purpose: bathroom, bedroom, room, conservatory, pub, ...

Unit 3/6 net 5,95 m² gross 8,80-10,34 m²

Purpose: bathroom, study room, hall, stairway, utility, wardrobe, entrance, ...

Due to its modularity it is incredibly flexible and represents endless possibilities of compounding according to users wish, requirements and capabilities. It allows any combination in vertical and horizontal assembly. Initial investment is thus considerably lower since we only need to buy as much building as we require or as we are capable to buy. Afterwards, as our needs increase, we can arbitrarily add new, exactly the same units to the existing assembly. **Assembling house according to our needs.**

At the same time house can also shrink according to our needs. If a part of the house one module does not suit us or if we do not require it any more, it can be simply removed and transported in one piece to a new location, where it can become an initial unit of a new house. **We place a new house.** Or it can be sold on the market. We only need to remove the furniture.

Prefabricated

Each independent unit is completely prefabricated in the factory and transported as a whole to the construction site. There it is simply assembled on a previously prepared foundation (usually a concrete platform or belt-like foundation). All the installations are already set into the walls, ceilings, floors and facades, windows and doors. **The only thing missing is furniture.**



Ekološko prestižna

Vsi vgrajeni materiali so naravni in ekološko neoporečni. Za ogrevanje in prezračevanje so lahko uporabljeni tudi obnovljivi viri energije. Posledica take zasnove je blagodejna mikroklima v hiši in dobro počutje. Temperatura v prostoru se izenačuje na naraven način. **Hiša z nami diha.**

Osnovni konstrukcijski in gradbeni material je masiven lepljen in tehnično suh smrekov les. Zaradi dobre akumulativnosti vgrajene toplotne izolacije iz lesnih vlaken, parne zapore niso več potrebne. Obloge fasad so iz masivnega macesna, notranje pa lesene ali mavčno-kartonske. Kemijska zaščita fasade ni potrebna, saj je macesen dovolj smolnat, da prenaša vse vremenske vplive.

Sčasoma dobi sivo patino, ki predstavlja naravno zaščito in stavbi hkrati daje tudi estetski učinek.

Energetsko varčna

Kljub velikim steklenim površinam, ki nam omogočajo stik z naravo, sodi lesena hiša Modeko med nizkoenergetske stavbe. Debelina ovoja stavbe oziroma zunanjih sten je kar **31,7 cm**, kar je ena izmed glavnih prednosti pred konkurenčnimi tenkostenskimi izdelki na slovenskem tržišču. Prihranek je občuten pri porabi energije, saj je pri klasično grajenih stavbah približno **200 kWh/m²**, pri nizkoenergetskih pa med **20** in **55 kWh/m²** letne porabe. Za ogrevanje ne potrebujemo močnih grelnih naprav. Dovolj je talno in stensko gretje v povezavi s sončno ali vetrno energijo ter toplotnimi črpalkami. Tudi les kot gradbeni material je energetsko najbolj varčen. Za njegovo predelavo porabimo cca 60 kWh, za opeko 30-krat več, za beton 90-krat, za aluminij 120-krat... Je slab toplotni prevodnik in dober izolacijski material. **Prihranek je več kot očiten.**

Potresno in požarno varna

Lesena gradbena konstrukcija je potresno veliko bolj varna kot primerljiva zidana ali jeklena. Ker je les »živ« material, zlahka prenaša rušilne sile v vse smeri enako.

Ecologic and environmental friendly

All installed materials are natural and ecologically acceptable. Renewable energy sources are used for heating and ventilation. The positive aspect of such design is a pleasant micro-climate inside the house and thus healthy living standard. Temperature within the house is kept using a natural method of ventilation. **The house is breathing with us.**

Basic structural and building material is a massive and technically dry pine wood. Due to good accumulation capabilities of heat insulation made of wood fibres, even evaporation foil is no longer necessary. Exterior's facades are made out of the massive larch, while interior walls are covered with wooden or plaster wainscots. Chemical treatment of the facade is not required, since the larch wood is rather resinous, making the wood itself weather resistant. After a time, larch wood gets a grey-like patina, which represents a natural protection and gives the wood a nice aesthetic impression.

Low energy efficiency

Although the wooden house Modeko has large glass-covered surfaces, which provide us with a genuine connection with the nature, it is regarded as an energy efficient building. The thickness of the outer walls, is **31,7 cm**, which is one of the main advantages over the competitive thin-wall products already existing on the Slovenian market. Savings due to lower energy consumption are considerable; classic build houses have a yearly energy consumption in the range of **200 kWh/m²**, while low-energy houses have only between **20** and **55 kWh/m²**. Due to this fact, high power heating appliances are not needed floor and wall heating in connection with solar and wind energy applications or heat pumps is sufficient. Wood as a construction material is also the most economical material. For manufacture of wooden elements we need about 60 kWh, while for bricks we require 30-times more energy, for concrete 90-times more, aluminium 120-times more... It is a bad heat conductor and a good insulation material. **Savings are more than evident.**

Seismic and fire safety

Wooden construction is a better choice than a comparable stone-built or steel structure when earthquake safety is considered. Since wood is a "live" material, it easily bears the devastating forces of earthquakes in all directions.



Ima ugodno razmerje med lastno težo in nosilnostjo, zato je uporaben tudi na področjih z manjšo nosilnostjo tal. V nasprotju s splošnim mnenjem o lesu kot lahko gorljivem materialu je potrebno poudariti, da se ob gorenju na njegovi površini ustvari tanka zogljenela plast, ki onemogoča dostop kisika do lesa, s tem pa zavira napredovanje ognja. Nosilni elementi pri tem ne izgubijo svoje prvotne oblike in dalj časa zdržijo pred porušitvijo. To pa je bistvena prednost pred klasičnimi gradbenimi materiali. Vgrajen les v leseni hišo Modeko je zelo suh in slabo prevaja toploto.

Cenovno ugodna in visoko kakovostna

Zaradi izdelave s predizdelanimi elementi na lokaciji proizvajalca se stroški izdelave občutno znižajo, kakovost pa izboljša. Vgrajeni so samo kakovostni in ekološki materiali, preverjeni v dolgoletnih izkušnjah. Ta način izdelave nam omogoča hitro proizvodnjo, ki je večinoma neodvisna od vremenskih razmer. Informativni izračun cene m² izdelave Modeko hiše, si lahko sami izdelate na naši spletni strani. Direktn link je: <http://www.pillar.si/informativni-izracun>. Cena je odvisna od vgrajene infrastrukture, elektro in strojnih instalacij ter notranje in zunanje obdelave površin. To je ena od prednosti pred primerljivimi konkurenčnimi izdelki na slovenskem tržišču. Pravilna izbira lesa, vgrajenih materialov in natančna ter strokovna izdelava vseh detajlov daje ta hiši visoko vrednost.

Premična

Zaradi samonosne konstrukcije, kompaktnosti, trdne izdelave in tlorisnih mer, ki so še dovoljene za prevoz v cestnem prometu, ter kompletne izdelave v »tovarnik« lahko leseno hišo Modeko na lokacijo naročnika prepeljemo v enem kosu. Če nam prevoz tako velikega predmeta predstavlja oviro, jo lahko pripeljemo tudi razstavljeno po posameznih elementih - stenah. Na lokaciji naročnika jo iz tovarnjaka dvignemo z dvigalom in enostavno montiramo na predpripravljeno osnovo.

Enostavno, hitro in z minimalnimi manipulativnimi stroški.

At the same time it has a good ratio between the weight and its load capacity and can thus be also used where foundations with lower load capacities are available. Contrary to the general opinion of the wood being a very good inflammable material, it must be stressed that during burning of the wood a thin charred layer is formed on its surface, which prevents access of the oxygen to the surface of the material and thus hindering the advancement of the fire. During the fire structural elements do not change shape and last longer before a pull down. This is also the main advantage as compared with classical construction material. Wood installed in the house Modeko is very dry and is a poor heat conductor.

Economical and of utmost quality

Prefabricated modules, assembled together on the site of the erected house considerably reduce the building costs and increase the quality of the construction. Only materials of the best quality and environmentally acceptable components, which have been verified and tested over many years, are installed in the house. This approach to the construction allows us fast production, which usually does not depend on the weather conditions. You can calculate the m² price of Modeko house by yourself, on our web site. Direct link is: <http://pillar.si/informativni-izracun>. The price varies depending on installed installations (electrical, plumbing, drainage,...), and external or internal treatment of the surfaces, which is a considerable advantage over comparable products on the market. Correct selection of the wood and other installed materials, together with an exact and professional production of all details, provide the house with a high quality and value. Wooden facade obtains a noble patina over the years, which makes it unique among other, classic facades.

Mobile

Due to a self-supporting and compact construction, solid composition and small ground plan dimensions, and due to a complete "in-the-factory" production, we can transport the wooden house Modeko in one piece directly to the construction site. If there are any geographical obstacles, it can be also transported in pieces according to individual elements walls, floors, ceilings,... On the site it is simply lifted with a portable derrick and mounted on a prepared foundation.

Simple, quick and with minimal handling costs.

Sestava zunanje stene debeline 317 mm $U = 0,15 \text{ W/m}^2\text{K}$

Cover composition
317 mm
 $U = 0,15 \text{ W/m}^2\text{K}$

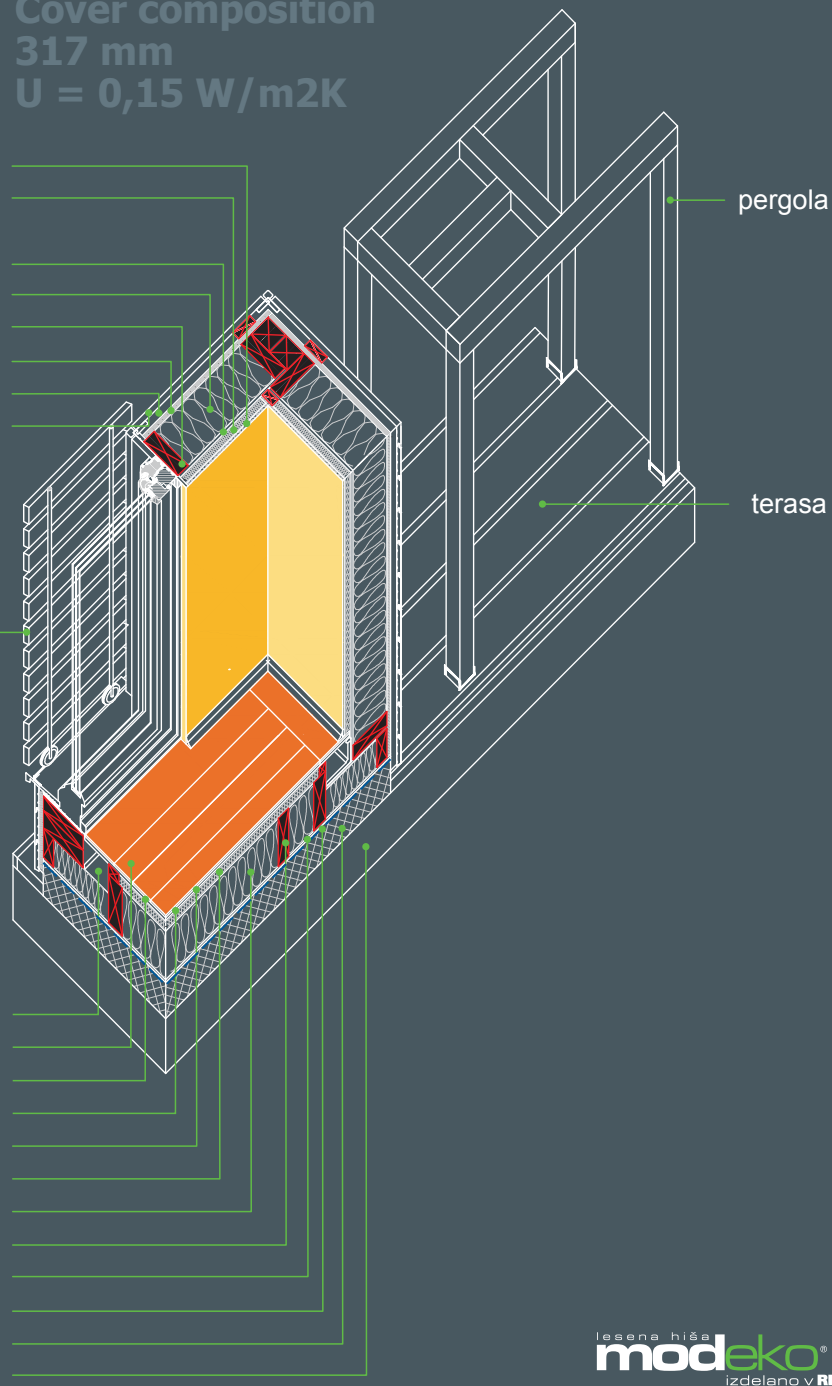
mavčno-vlaknena plošča 12,5 mm
instalacijska ravnina 50 mm
z izolacijo 60 mm
lesena vezana plošča 12 mm
izolacija 60+100 mm
lesena okvirna konstrukcija 80x160 mm
izolacija iz lesnih vlaken 22 mm
podkonstrukcija - zračni sloj 35 mm
fasadna obloga - macesen KR-25 mm

sončna zaščita

Floor composition
270 mm
 $U = 0,14 \text{ W/m}^2\text{K}$

Sestava poda debeline 270 mm $U = 0,14 \text{ W/m}^2\text{K}$

instalacijski kanal
talna obloga
12 V el. ogrevanje
vezana plošča 18 mm
PE folija
izolacija 40 mm
izolacija 2x100 mm
stropniki 80x200 mm
lesena vezana plošča 12 mm
hidroizolacija
AB plošča ali pasovni temelji
teren



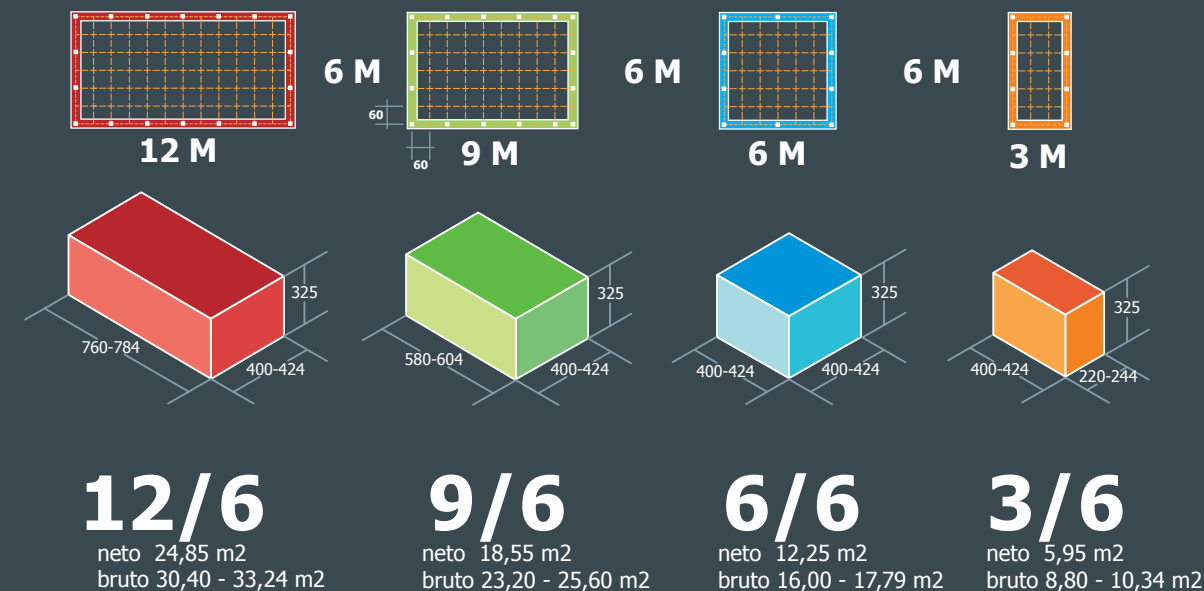
lesena hiša
modeko
izdelano v RIKO HIŠE

Modularnost

Sestavljivost štirih samostojnih in medsebojno
kompatibilnih enot v modulu 60 x 60 cm

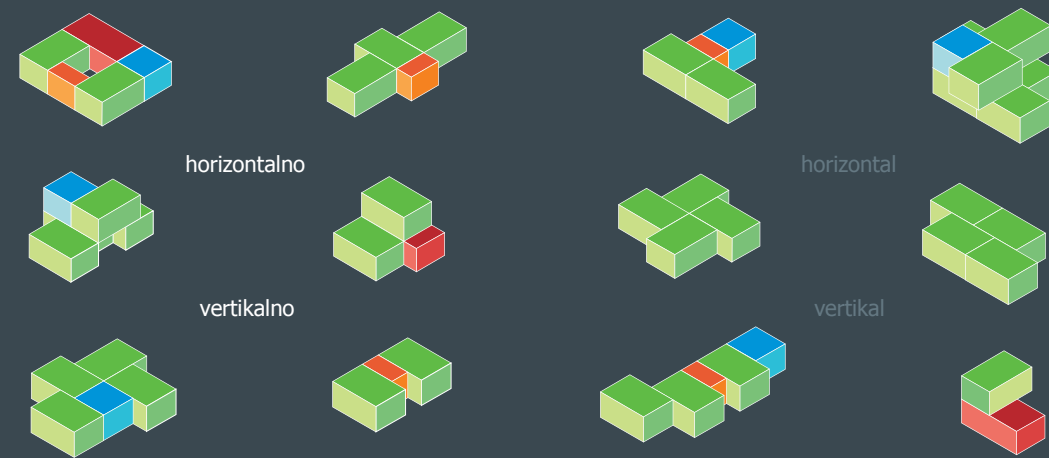
Module proportion

Connection between four independent and
compatible units in module proportion 60 x 60 cm



Neskončne možnosti postavitve

Endless ground plan possibilities...



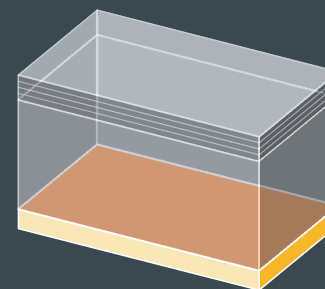


Temeljenje in predpriprava terena
Zaradi samonosne konstrukcije posameznih enot,
je pri temeljenju na voljo več načinov izvedbe

Foundation and groundwork
Self-supporting units construction enables
various groundwork possibilities

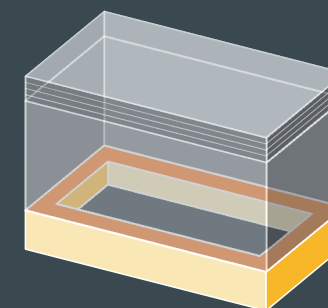
Simple and
quick solution
Enostavna
in hitra
rešitev

**CONCRETE
PLATFORM
BETONSKA
PLOŠČA**



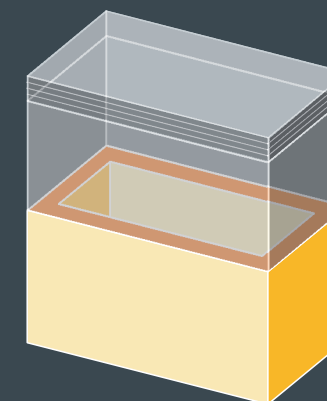
Most appropriate
solution
Najbolj
ustrezna
rešitev

**CONCRETE BELT-LIKE
FOUNDATION
BETONSKI
PASOVNI
TEMELJI**



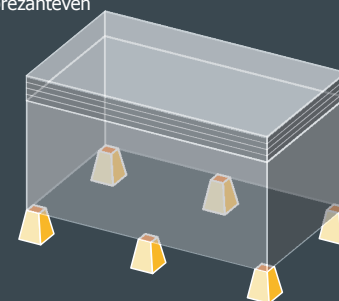
Increased
usefull
surface
area
Povečamo
uporabno
površino

**CONCRETE
OR STONE
BUILT
BASEMENT
BETONSKA
ALI ZIDANA
KLET**



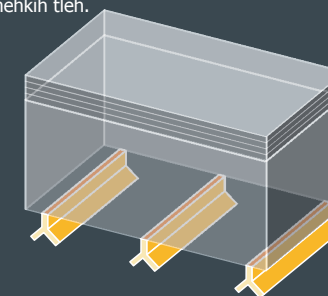
Suitable
for rocky
terrain
Primerno za
kamnite
terene, kjer je
izkop temeljev
prezahteven

**CONCRETE
POINT
FOUNDATION
BETONSKI
TOČKOVNI
TEMELJI**



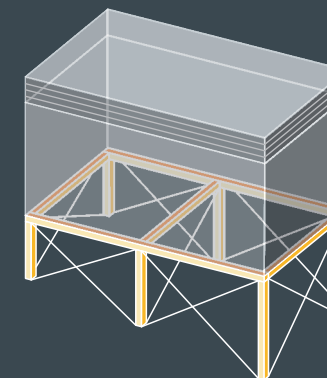
Very simple and
"movable"
solution for
soft terrain
Zelo enostavna in
"premična" rešitev,
primerna tudi
za temeljenje
na mehkih tleh.

**BELT-LIKE
PREFABRICATED
FOUNDATION
(Y beam)
PASOVNI
MONTAŽNI
TEMELJI (Y nosilci)**

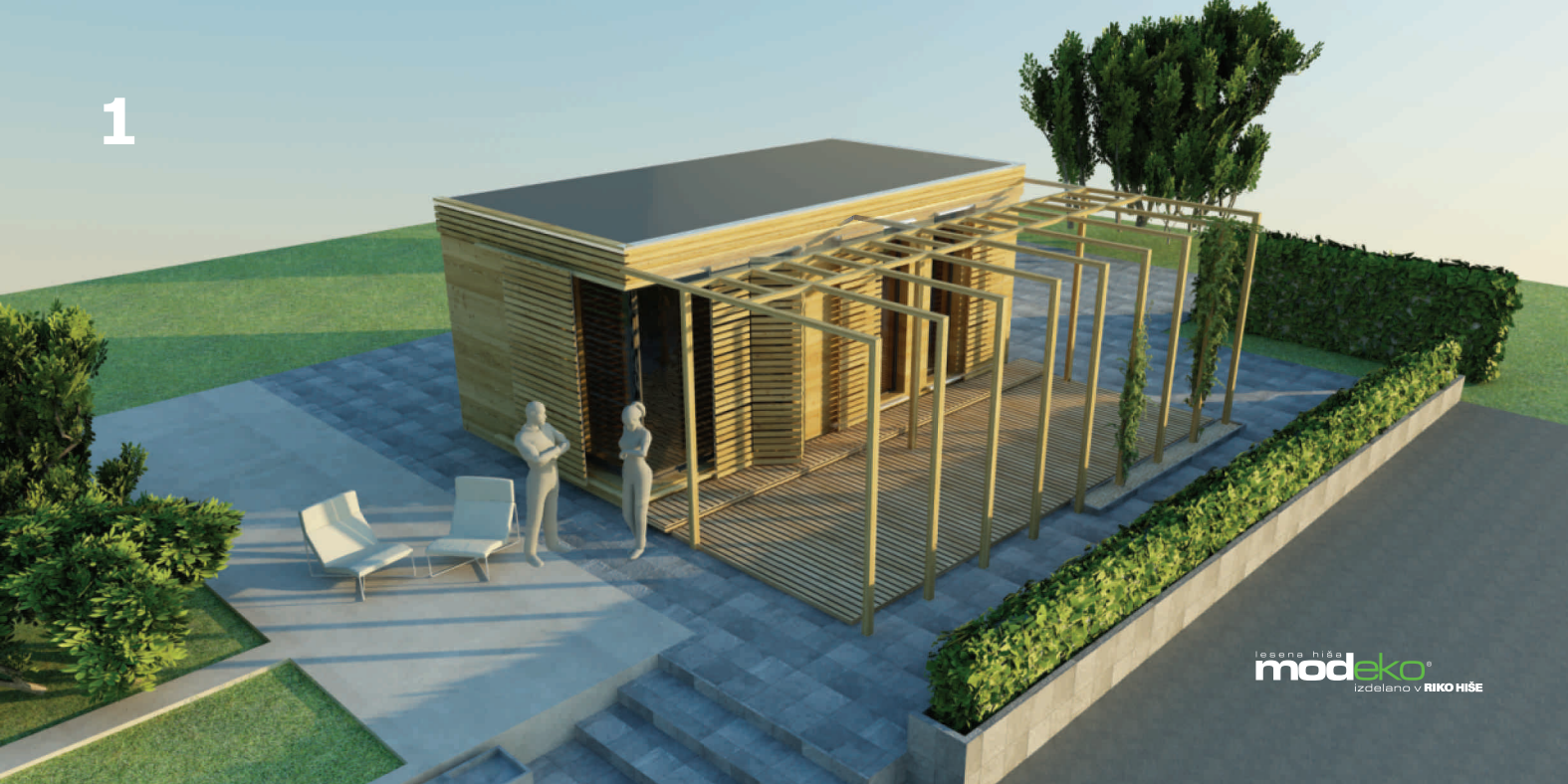


Suitable
for very
steep
terrains
Rešitev
primerna
za zelo
strme
terene

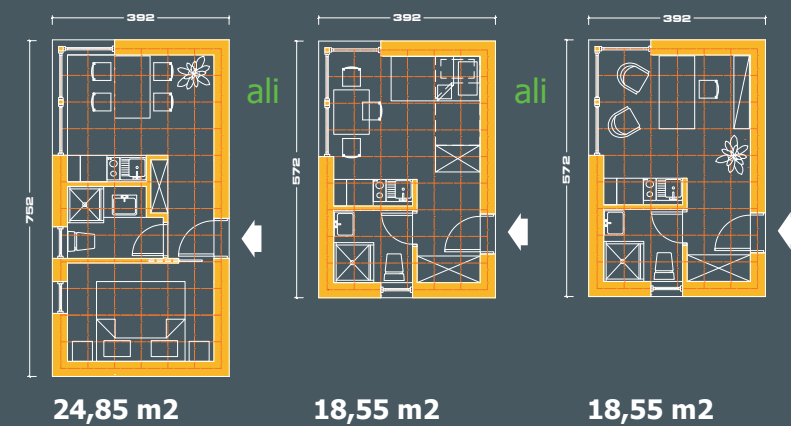
**WOODEN OR
METAL ROD
STRUCTURE
LESENA ALI
KOVINSKA
PALIČNA
KONSTRUKCIJA**



1



1 osnovne enote kot samostojni objekti



1 basic units as individual buildings

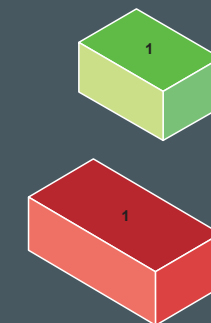
Namembnost:

- vikend
- bungalov
- pisarna
- studio
- ...

Purpose:

- holiday house
- bungalow
- office
- studio
- ...

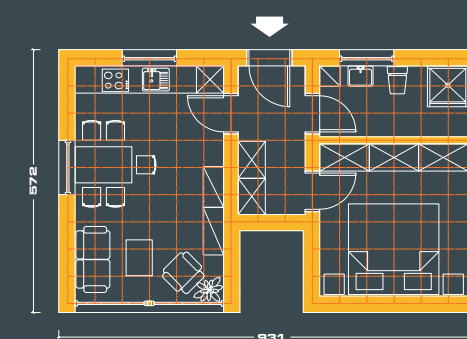
neto m2



2



2 tri enote za začetek...



Namembnost:

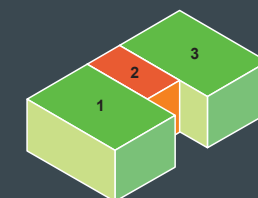
- vikend
- bungalov
- pisarna
- stanovanjski objekt
- ...

Purpose:

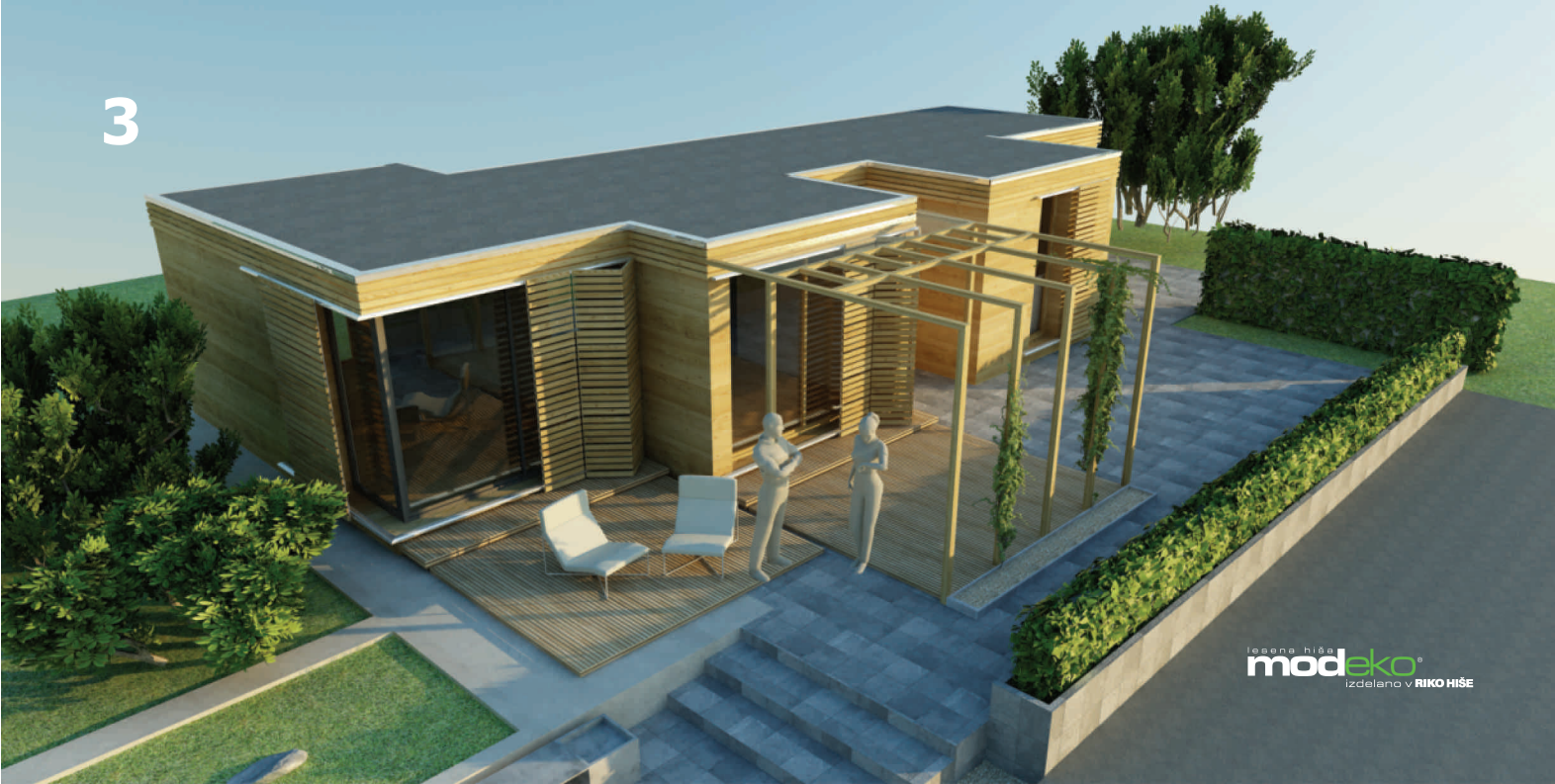
- holiday house
- bungalow
- office
- residential premises
- ...

neto 43,74 m2

2 three units something to start with

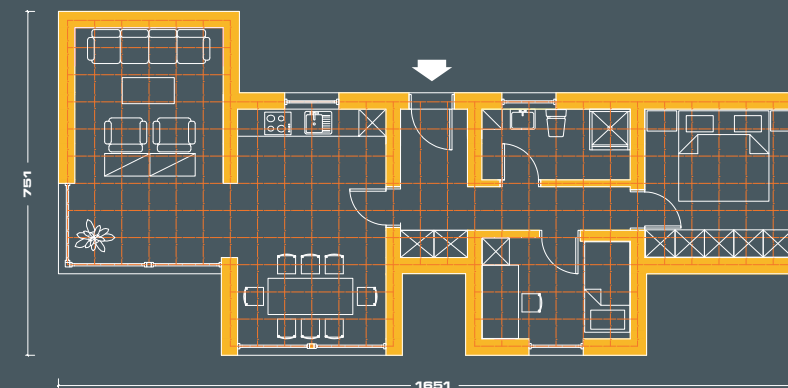


3



3 tri enote

z dodatkom še dveh enot

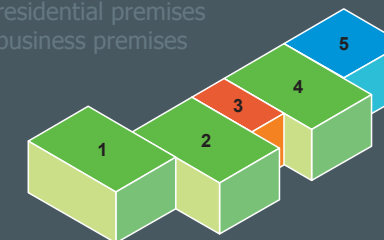


3 three units

with additional two units

Namembnost:
 - stanovanjski objekt
 - poslovni prostori
 ...

Purpose:
 - residential premises
 - business premises
 ...

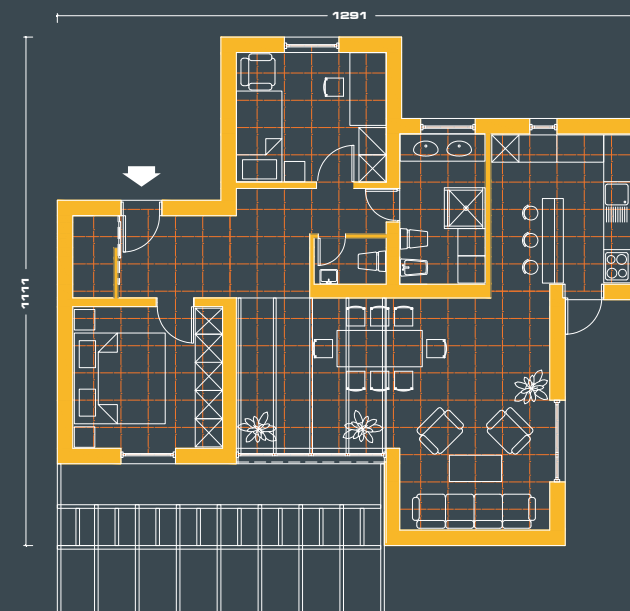


neto 75,24 m²

4



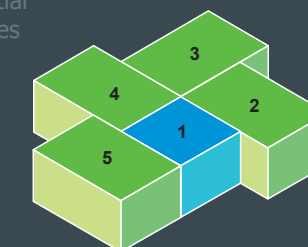
4 enodružinska



4 family residence

Namembnost:
 - stanovanjski objekt
 ...

Purpose:
 - residential premises
 ...



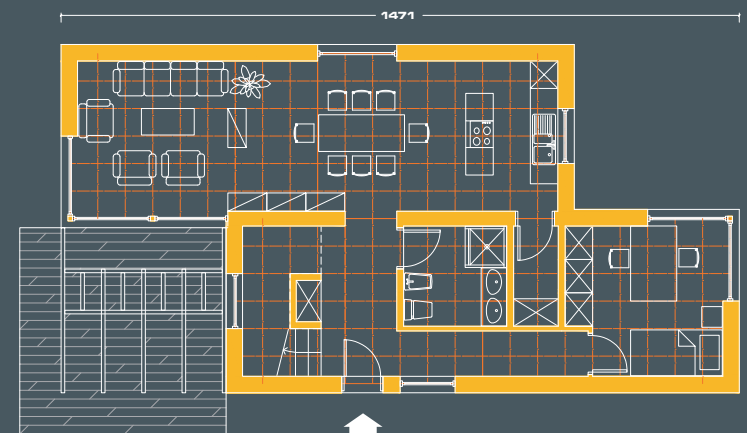
neto 88,36 m²

5.1



lesena hiša
modeko
izdelano v RIKO HIŠE

5.1 pritličje kot samostojna stanovanjska enota



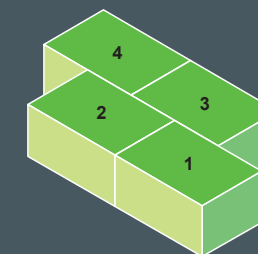
5.1 ground floor as individual residential unit

Namembnost:

- stanovanjski objekt
- poslovni prostori
- ...

Purpose:

- residential premises
- business premises
- ...



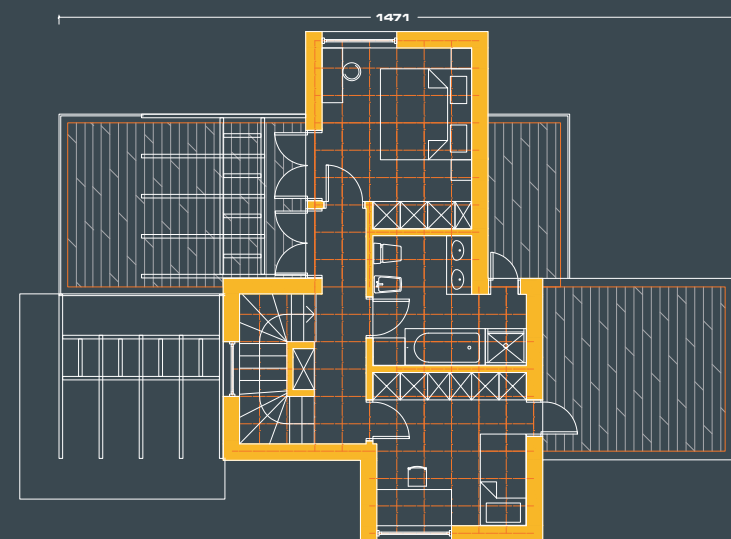
neto 75,67 m²

5.2



lesena hiša
modeko
izdelano v RIKO HIŠE

5.2 ali z dodanim nadstropjem



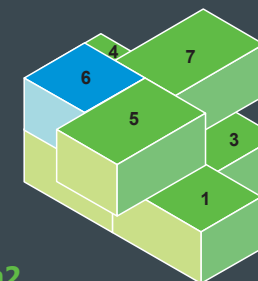
5.2 or with additional first floor

Namembnost:

- stanovanjski objekt
- poslovni prostori
- ...

Purpose:

- residential premises
- business premises
- ...



neto 50,05 m²

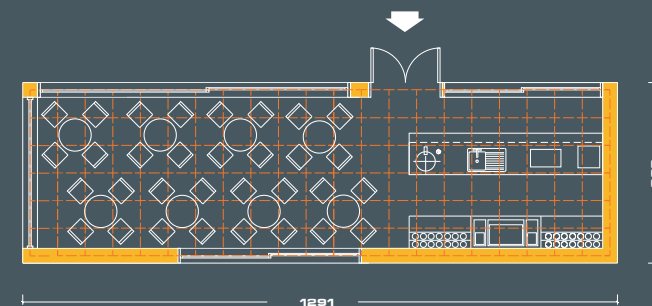
neto skupaj 125,72 m²

6



moderko
izdelano v RIKO HIŠE

6 druge namembnosti



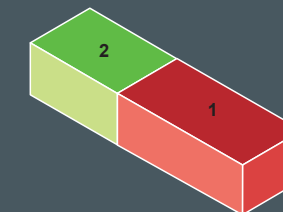
6 other purposes

Namembnost:

- spremljajoči objekt
- gostinski lokal
- poslovni prostori
- ...

Purpose:

- attending premises
- public premises
- business premises
- ...



neto 43,75 m²

Interier



moderko
izdelano v RIKO HIŠE

Interier

Obdelava notranjosti

Posamezna enota je pri proizvajalcu izgotovljena v celoti. Vgrajene so elektro in strojne instalacije, kabelski priključki, obdelane so vse stene, stropovi, tlaki in fasade, okna in vrata so že vgrajena. **Le še pohištvo nam manjka in lahko se vselimo.**

Obdelava površin

Če se odločimo notranje površine obdelati z lesom, lahko le-te obogatimo z naravnimi premazi, kot so rastlinska olja, voski in smole. Pravilna izbira lesa, vgrajenih materialov in natančna ter strokovna izdelava vseh detajlov prispevata hiši visoko vrednost. Lahko pa namesto tega z mavčno-kartonskimi ploščami ustvarimo izgled zidane stene.

Odvisno od želja in zmožnosti naročnika.

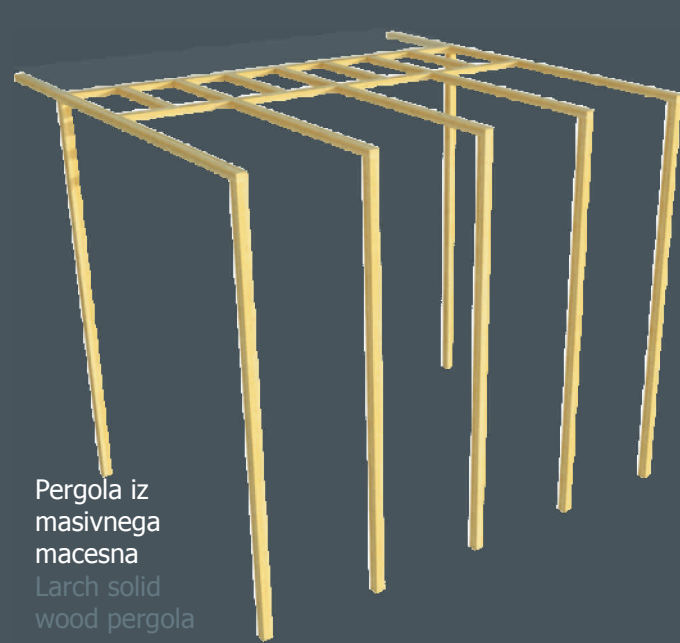
Interior

Treatment of the interior

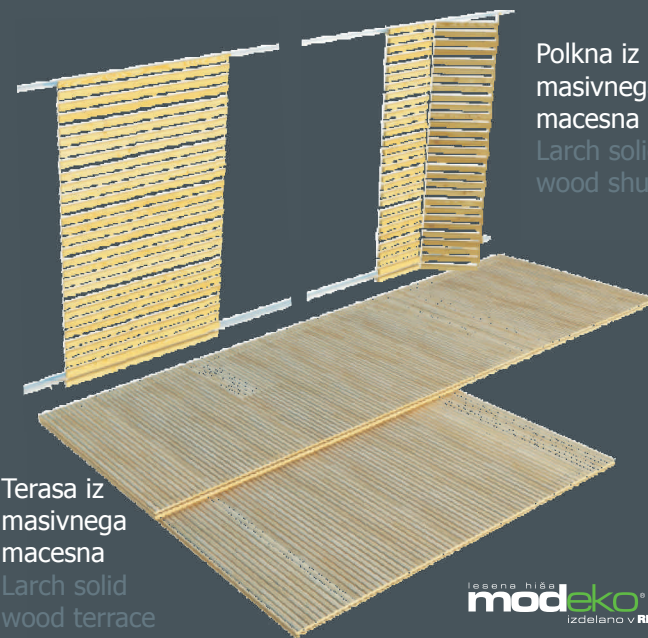
Each unit is supplied as a whole. All electrical installations, plumbing, drainage, cable connections ... are already installed. All walls, floors, facade, windows and doors are also installed. **We only need to equip the house with the furniture and settling can begin.**

Treatment of surfaces

If we decide to equip inner surfaces with wooden wainscots, we can enrich them with natural coatings, such as vegetable oils, wax and resin. Correct selection of the wood and other installed materials, together with an exact and professional production of all details provide the house with a high quality and value. However, we can also install plaster boards in order to create an impression of stone-built wall. **As required and desired by the customer.**



Pergola iz masivnega macesna
Larch solid wood pergola



Terasa iz masivnega macesna
Larch solid wood terrace

Polkna iz masivnega macesna
Larch solid wood shutters

lesena hiša **modeko**
izdelano v RIKO HIŠE

Arhitekturni dodatki iz lesa

Ob nakupu lesene hiše Modeko lahko naročnik izbira med različnimi arhitekturno - lesnimi dodatki kot so: pergole, polkna kot sončna in varnostna zaščita, nadstreški, strehe, terase itd...

Vse je izdelano iz kakovostnega macesnovega lesa, obdelano enako kot hiša in se estetsko izredno lepo vklaplja v celosten izgled objekta.

Drugi dodatki

Na izbiro so še ograje iz nerjavnega jekla, senčila različnih kvadratur v obliki jader, cvetlična korita, itd.

Wooden architectural supplements

Along with the order of the house, customer can also decide among various wooden exterior supplements, such as pergolas, blinds or shutters as solar and safety protection, jutting roof, terrace,... All elements are produced out of a high-quality larch wood and fit very well into the whole impression of the building.

Other supplements

Stainless steel fences, blinds or shutters various shapes such as sails, flowerpots, etc.



Fasada s sončnimi celicami

Solar cell



Copper

Fasada s staranimi bakrenimi ali cementno vlaknenimi ploščami



Larch

Macesnova fasada

lesena hiša **modeko**
izdelano v RIKO HIŠE

Drugi arhitekturno konstrukcijski dodatki

Fasado lahko na izpostavljenih severnih delih oblečemo v druge materiale, ki se z lesom lepo ujamejo: staran baker, cementno vlaknene plošče različnih barv, alu pločevina, itd..., na južnih in zahodnih fasadah pa kar v sončne celice namenjene fotovoltaiiki.

Seveda pa ostaja lesena fasada različnih struktur tista, ki z leti dobiva žlahtno patino in je med klasično grajenimi ali serijskimi fasadami ni enake.

Krajinska arhitektura

Glede na čistost arhitekture Modeko objektov, mora biti temu primerna tudi ureditev oziroma ozelenitev okolice.

Pri tem lahko naročnik glede na želje in zmožnosti ob začetku projekta zahteva pri projektantu tudi posvet s krajinskim arhitektom ali izdelavo kompletnega projekta ureditve parcele.

Other constructional supplements

On the exposed northern side, facades can be fitted with some other materials that fit together with larch wood. Such materials are aged copper, cement-fibre panels of various colours, aluminium thin plates or even solar panels. However, wooden facade of various textures that obtains a noble patina over the years, remains to be unique among other, classic facades.

Landscape architecture

Due to clear architectural design of straight and unobtrusive shapes of Modeko house it is necessary to settle the lanscape around the house. Complete planning or just consultations with the landscape architect can be arranged at the begining of the project.



Načini ogrevanja

Zaradi zelo dobrih izolativnih lastnosti in majhne toplotne prevodnosti ovoja, je uporaba obnovljivih virov energije zelo učinkovita.



Heating possibilities

Due to very good insulation and poor heat conduction of the outer elements, use of renewable energy sources is very effective.

I-eco 12-24 V sistem ogrevanja

I-eco 12-24 V heating system

25 letna garancija na ogrevalno telo

Nizka začetna investicija, zelo majhna poraba, zanemarljivi stroški vzdrževanja, trajnost...

Nezahteven priklop na alternativne viri energije

Izjemni bivalni pogoji
Enakomerna oddaja toplote in skoraj idealen temperaturni profil.

Brez negativnih vplivov na ožilje

Ekstremno veliko ogrevalno telo zagotavlja ekstremno nizke temperature ogrevanja.

Prihranek stanovanjskega prostora 10 %!

Montaža brez dimnika, prostora za energetiko, skladišča energentov in vidnega ogrevalnega telesa.

Izboljšana higiena!

Manj prahu, manj pršic, manj bakterij, manj alergij...

Uporabnost!

Za celovite ali delne rešitve, za stanovanjske ali delovne prostore, za vse vrste talnih oblog..., pri novogradnjah ali adaptacijah.

Varnost!

Sistem deluje na varnih 3-24 V nizke električne napetosti. Ogrevalne trakove lahko brez posledic prevrtate ali potopite v vodo.

25-year guarantee on heating elements

Low initial investment, low energy consumption, negligible maintenance costs, durability...

Easy connection on renewable energy source system

Exceptional living conditions
Constant heat emission and almost ideal temperature profile.

No negative vein effects

Extremely large heating elements require lower heating temperatures.

It requires 10% less living area.

Installation without a chimney, utility room, fuel reservoir facilities and visible heating elements.

Improved hygiene

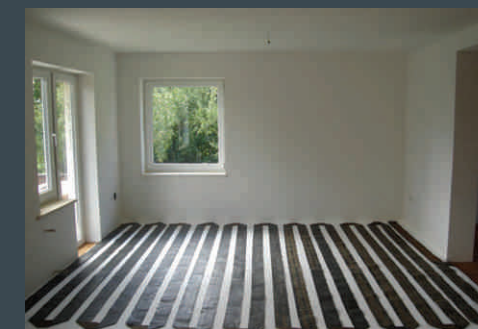
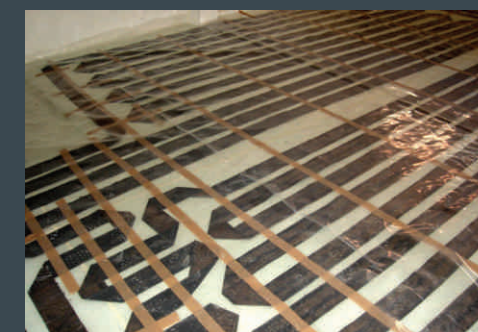
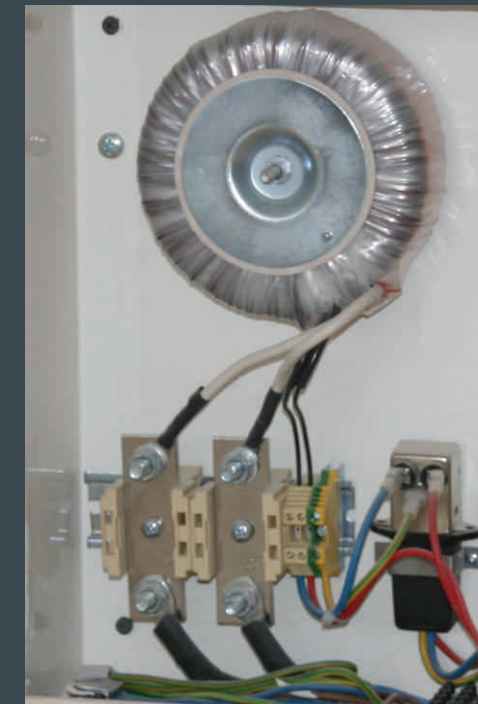
Less dust, mites, bacteria and thus allergies.

Applicability

For complete and partial solutions, for residential and working rooms, for all kinds of floors..., at new home construction or adaptation.

Safety

System operates on safe, low-voltage: 3-24 DC V. Heating elements can be drilled through or immersed into the water with no consequences.



Enostavno, hitro in z minimalnimi manipulativnimi stroški



lesena hiša
modeko
izdelano v RIKO HIŠE

Prevoz, dostava in montaža

Zaradi samonosne konstrukcije, kompaktnosti, trdne izdelave in tlorisnih mer, ki so še dovoljene za prevoz v cestnem prometu, ter izdelave v »tovarni«, lahko leseno hišo Modeko na lokacijo naročnika prepeljemo v enem kosu. Če pa nam prevoz tako velikega predmeta predstavlja oviro ali če za to nimamo ustreznega dostopa, jo lahko pripeljemo tudi razstavljeno po posameznih elementih - stena, tla, streha. Na lokaciji naročnika jo v celoti ali po delih enostavno montiramo na predpripravljeno osnovo.

Enostavno, hitro in z minimalnimi manipulativnimi stroški.

Taka gradnja je ekološko čista, saj manj intenzivno in manj časa obremenjuje okolje. Gradnja se iz proizvodne hale prenese direktno na gradbišče, zato tam ni nepotrebnega hrupa in gradbenega materiala.

Tak način gradnje se lahko izvaja tudi ob slabšem vremenu ali celo pozimi, saj so predizdelani objekti ob montaži že zaprti in pripravljeni na vselitev.

Besedilo in vsebina:

PILLAR d.o.o., Videmska 1a, 1000 Ljubljana

T. +386 1 5055 856

G. +386 41 64 44 95

E. modeko@pillar.si

W. www.pillar.si

Tisk :

Grafex d.o.o.

Podlipovica 31, 1411 Izlake

Založil:

Pillar d.o.o. in

RIKO HIŠE d.o.o., Bizjanova 2, 1000 Ljubljana

T. +386 1 836 10 95

T. +386 1 837 26 11

F. +386 1 836 99 36

E. info@riko-hise.si

W. www.riko-hise.si

Transportation, delivery and assembly

Due to the self-supporting construction, compact and rigid design, maximum ground-plan dimensions which are still allowed for transportation on the roads, and "in-the-factory" manufacturing, wooden house Modeko can be delivered on the construction site in one piece. In case the transport of large-size blocks is not possible due to certain geographical obstacles, the house can be transported to the site in a dismantled state (wall, floor, roof). The house is then completely assembled on the prepared foundation.

Simple, quick and with minimal handling costs.

Such erection of the building is in accordance with ecological principles of construction due to shorter and less intensive impact on the environment.

Construction is transferred from the manufacturing plant directly onto the erection site, meaning that the site is not subjected to the needless noise and piles of construction material. Described construction process can be performed also in bad weather or even during the winter since all elements are prefabricated, sealed and prepared for settling in.

Text and contacts by:

PILLAR d.o.o., Videmska 1, 1000 Ljubljana

T. +386 1 5055 856

G. +386 41 64 44 95

E. modeko@pillar.si

W. www.pillar.si

Printed by :

Grafex d.o.o.

Podlipovica 31, 1411 Izlake

Published by:

Pillar d.o.o. in

RIKO HIŠE d.o.o., Bizjanova 2, 1000 Ljubljana

T. +386 1 836 10 95

T. +386 1 837 26 11

F. +386 1 836 99 36

E. info@riko-hise.si

W. www.riko-hise.si



1



2



3



4



5



6



7

RIKO HIŠE reference

RIKO HOUSES references

1 Ljubljana, 2 Cambridge, 3 Samobor, 4 London, 5 Trebnje, 6 Bordeaux, 7 St.Tropez

Les omogoča doživetje lepote naravnega materiala in tako pomena nematerialnih vrednot. Njegova enkratnost izvira iz neskončne spremenljivosti njegove zgradbe in bogastva tekstur ter je primerljiva z neponovljivostjo človekove osebnosti. Še več, les ustreza človekovim potrebam, saj ga povezuje z živo naravo. Les in drevo sta prispodoba življenja.
Dr. Niko Torelli





8



9



10



11



12



13



14

RIKO HIŠE reference

RIKO HOUSES references

8 Adelsried, 9 Cotswolds, 10 Smrjene, 11 Grosuplje, 12 Cotswolds, 13 Cotswolds, 14 Modena



RIKO
Riko Hiše

Wood give us the oportunity to experience the beauty of natural material, therefore the meaning of unmaterialistic values. Its uniqueness comes from endless structure mutability and texture richness, so its comparable with unique human character. Even more, wood meets the human demands, connecting him with true nature. Wood and tree are the allegory of live.

Dr. Niko Torelli