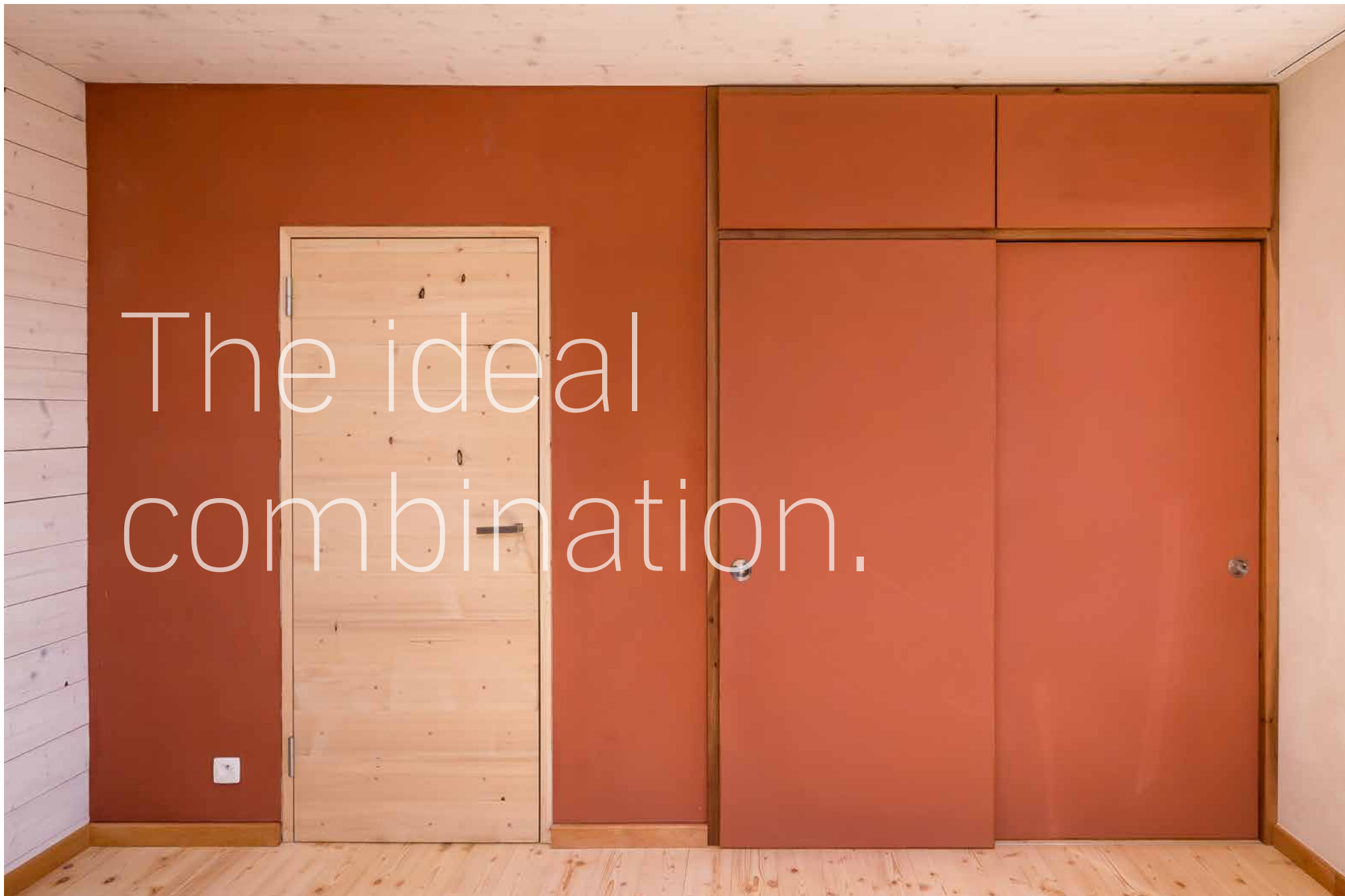


**CLAYTEC**<sup>®</sup>

Building with Clay

# Clay and wood. The dream team.

Drywall construction and  
clay surfaces using  
CLAYTEC building materials





The importance of timber architecture has grown significantly over the past few years.

Building with wood has long since become more relevant, in terms of both design and ecology. Nowhere else are expressive power, individuality and environmental awareness united as they are here. These are the interfaces that connect timber construction with clay as building material. The combination of the structural capacity of wood, with the plasticity and beauty of the mineral building material clay creates both tension and harmony. CLAYTEC provides perfect clay techniques and building materials for timber construction, for both eco-friendly wall structures and elegant clay design surface finishes.

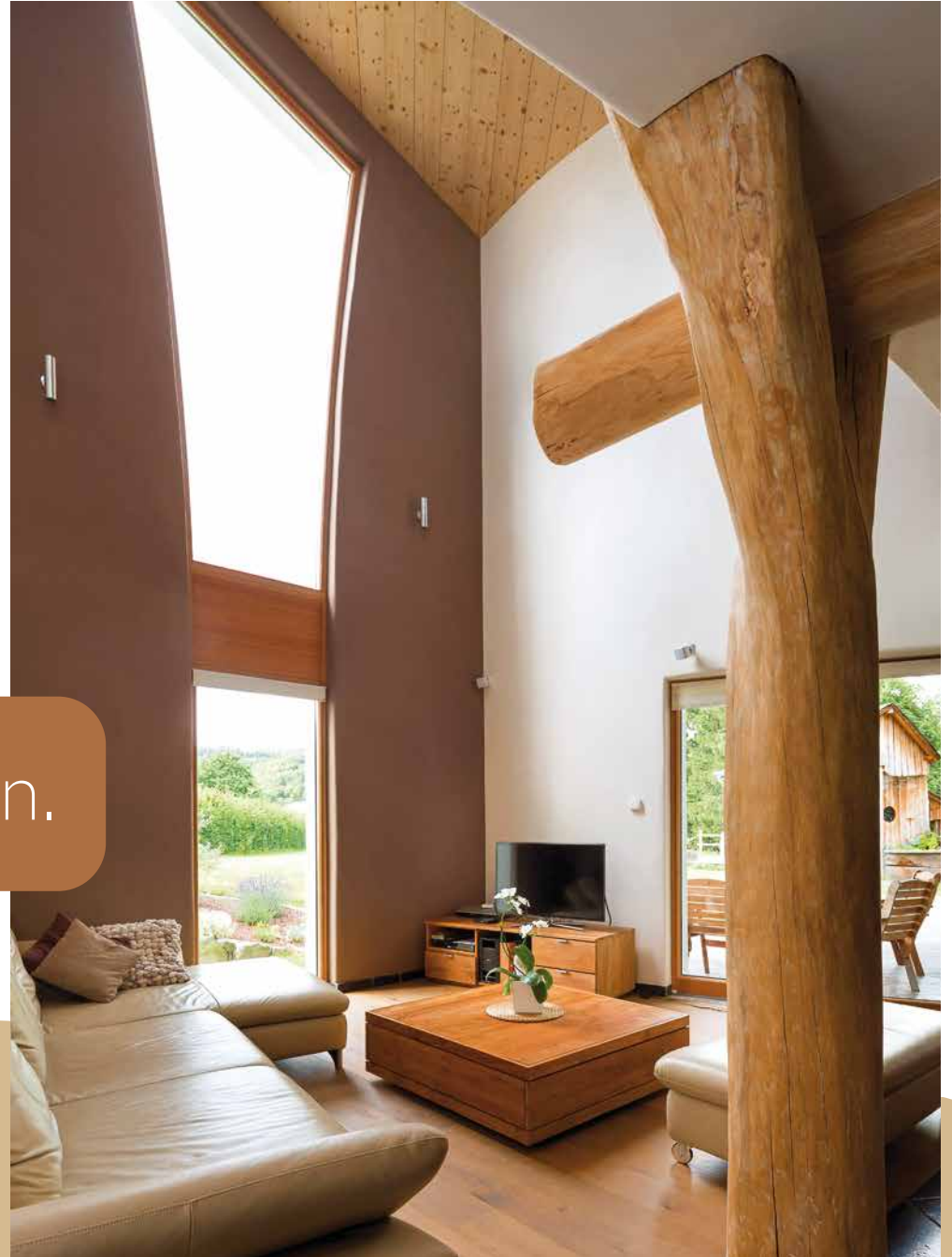
# Construction and material

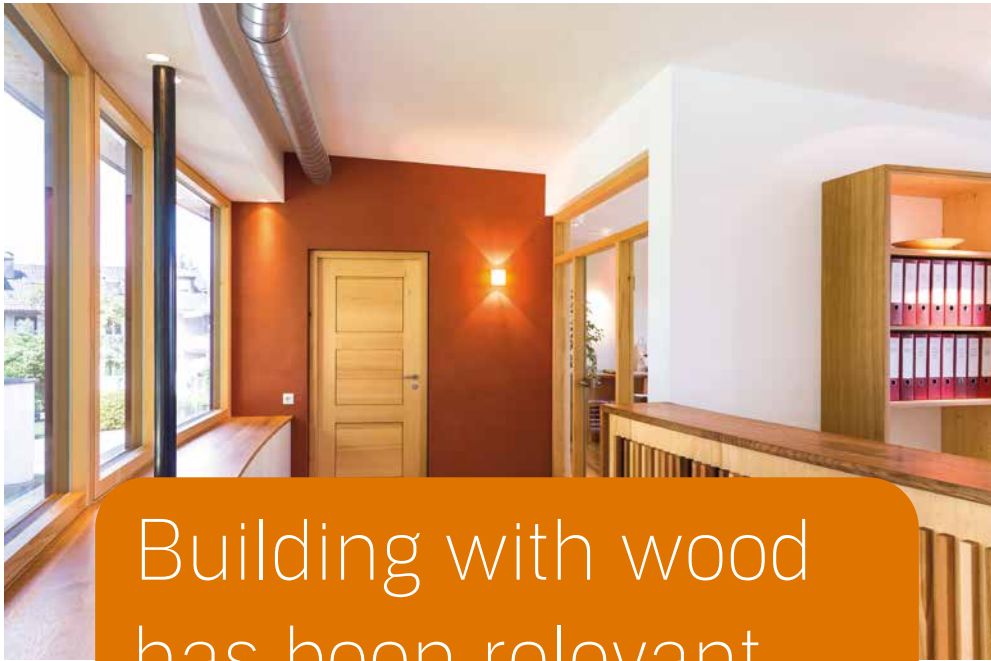




## The perfect combination.

No other material allows you to combine structural flexibility with aesthetic surface design so freely and to such high quality standards. The qualities of the materials complement one another perfectly, creating a harmonious whole.





Building with wood has been relevant for a long time now, both in terms of both design and ecology.

With wood and clay, you can structure things freely and shape them individually. An ideal basis for realising your personal architectural vision. And it doesn't matter whether you prefer traditional warmth or modern living. Wood and clay allow you to implement either to outstanding effect.



# Individuality Life







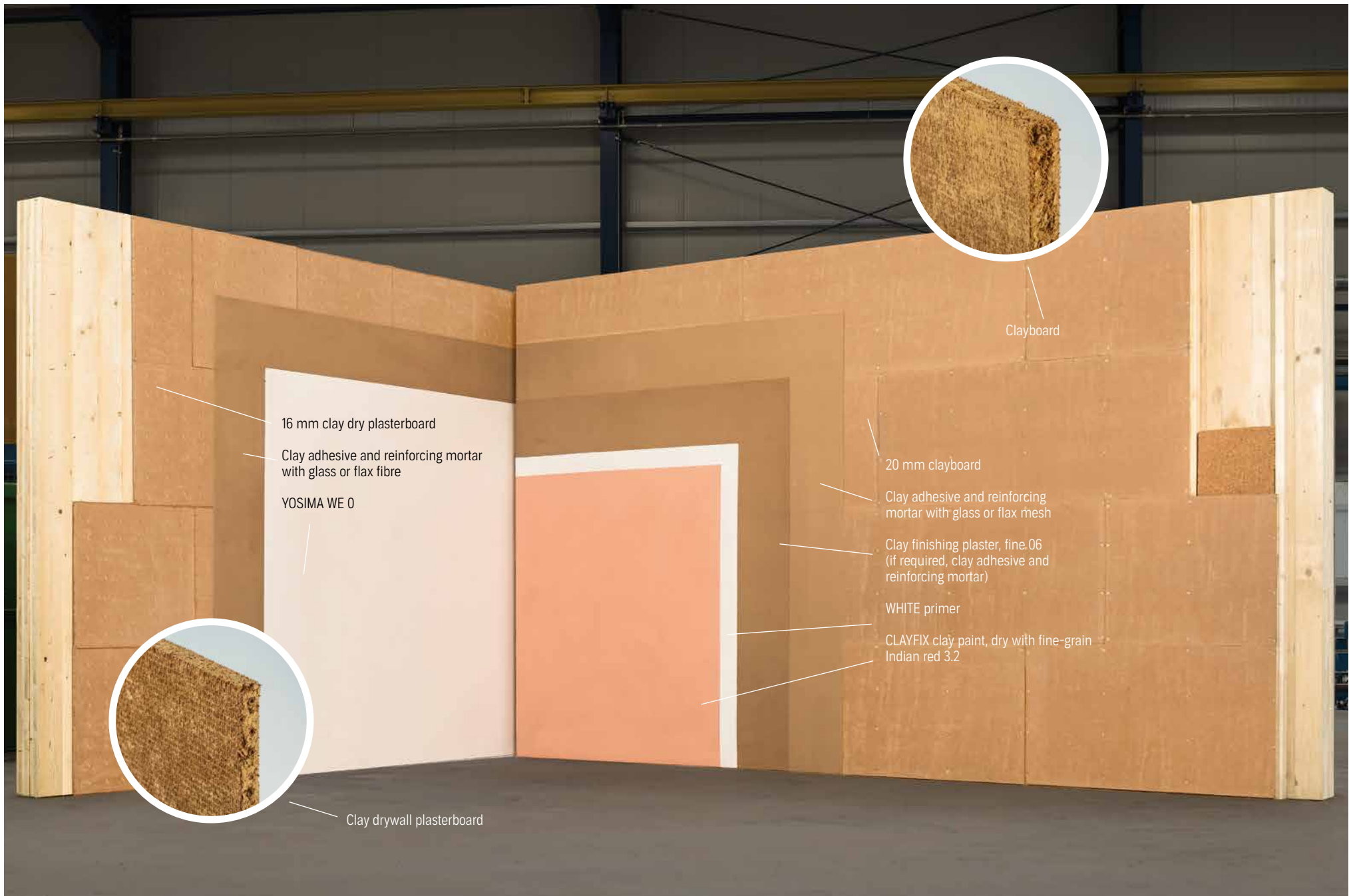
# Feel good right from the start.



CLAYTEC wouldn't be CLAYTEC if the ecological aspect didn't play an important role. For us, a responsible attitude towards resources and the climate goes without saying. We see the combination of wood and clay as a path towards the future of building. And the indoor climate and comfort that both natural building materials provide are equally ground-breaking.

Over the next few pages, we'd like to show you some techniques using wood and clay that have reached maturity in terms of structural properties and workmanship. There are also established, time-tested variants. Clay ovens, plastic forms and individual designs can provide the perfect complement to these practicable techniques. Totally in accordance with your ideas and wishes.





## The lightweight: Clay drywall plasterboard

- Wood and clay in perfect combination
- 100% eco-friendly dry plasterboard made of clay, jute and reed
- Clay plaster layer with no moisture or drying times
- Indoor climate, cosiness and comfort in timber buildings

On solid wood panel walls or wooden composite boards (e.g. OSB), 16 mm-thick CLAYTEC D16 clay dry plasterboards are mounted, coated with a reinforcement layer and rounded off with a clay finish.

1. Clamp panels on the wood substrate in offset formation. Spacing between clamps approx. 9 cm, distance to edges 10-15 mm. If screws are used, spacing between them = approx. 20 cm. Thin wooden composite boards must not be punctured.

2. Fill in larger joints and screw hole depressions and leave to dry. Spread clay adhesive and reinforcing mortar with a toothed spatula or trueing device to a thickness of 3 mm. Work reinforcement mesh into the wet surface.

3. After drying, finish off with YOSIMA clay design plaster (page 21) or clay finishing coat 06 and CLAYFIX coating system (page 23).

For more details of the application process, view the 'Clay drywall plasterboard' product sheet at [www.claytec.de](http://www.claytec.de).

## The classic: standing frame with clayboards

- Easy drywall construction with clay for timber buildings
- Clay plaster and structural panel all in one product.
- Optimum thermal comfort and indoor climate
- Good sound insulation

20 or 25 mm thick CLAYTEC clayboards are mounted on timber or latticework frames in 37.5 or 50 cm grids. The surfaces are coated with a reinforcement layer and rounded off with a clay finish.

1. Clamp boards together (approx. 9 cm spacing) or screw them together with clayboard screws (spacing  $\leq 20$  cm).

2. Fill in larger joints and screw hole depressions and leave to dry. Spread clay adhesive and reinforcing mortar with a toothed spatula or trueing device to a

thickness of up to 3 mm and make flush. Work reinforcement mesh into the wet surface.

3. After drying, finish off with YOSIMA clay design plaster (page 21) or clay finishing coat 06 and CLAYFIX coating system (page 23).

For more details of application, view the 'Clay board' product sheet at [www.claytec.de](http://www.claytec.de).

Item	Product	Delivery form	Surface area, coverage
09.010	Clay drywall plaster board, thickness 16 mm	single units, palette of 120	0.39 m <sup>2</sup> (0.625 × 0.625)
13.555	Clay adhesive and reinforcing mortar	25 kg bag	5 m <sup>2</sup>
35. ...	Glass or flax fibre, 1 m width	Roll, 1.0 × 100 m/35 m	90 m <sup>2</sup> /32 m <sup>2</sup>

Item	Product	Delivery form	Surface area, coverage
09.004/002	Clay drywall plaster board, 20 mm/25 mm thickness	single units, palette of 120	0.94 m <sup>2</sup> (150 × 0.625)
13.555	Clay adhesive and reinforcing mortar	25 kg bag	5 m <sup>2</sup>
35. ...	Glass or flax fibre, 1 m width	Roll, 1.0 × 100 m/35 m	90 m <sup>2</sup> /32 m <sup>2</sup>



Applying clay adhesive and reinforcing mortar with a toothed spatula ensures uniform thickness.

The reinforcement mesh is then simply placed on top and embedded. This procedure can also be carried out perfectly well by the timberwork builder.





# The heavyweight: LEMIX clayboard

- Pure clay mass
- Good heat insulation
- Optimum sound insulation

22 or 16 mm thick LEMIX clayboards, gross density approx. 1.45 kg/m<sup>2</sup>, are mounted on timber or lattice-work frames in 62.5 or 31.25 cm grids. The surfaces are coated with a reinforcement layer and rounded off with a clay finish.

1. Clamp boards together (spacing ≤15.00 cm) or screw them together (spacing ≤30 cm).
2. Fill in larger joints and screw hole depressions and leave to dry. Spread clay finishing plaster, fine 06, with

a trueing device to a thickness of up to 3 mm and make flush. Work reinforcement mesh into the wet surface.

3. After drying, finish off with YOSIMA clay design plaster (page 21) or clay finishing coat 06 and CLAYFIX coating system (page 23).

For more details of application process, view the 'LEMIX (heavyweight clay construction panel)' product sheet at [www.claytec.de](http://www.claytec.de).

Item	Product	Delivery form	Surface area, coverage
09.014/015	LEMIX clayboard, 22 mm/16 mm thickness	single units, palette of 40/60	0.78 m <sup>2</sup> (1.25 × 0.625)
10.113	Clay finishing plaster, fine 06	25 kg bag	5.7 m <sup>2</sup>
35. ...	Glass or flax fibre, 1 m width	Roll, 1.0 × 100 m/35 m	90 m <sup>2</sup> /32 m <sup>2</sup>



# Clayboard screws and -transport aid

Die CLAYTEC Lehmbauplattenschraube ist seit Jahren bewährt, der Schraubkopf mit angesetzter Scheibe hat optimale Abmessungen für die Anwendung.

The CLAYTEC clayboard screw has been proven for years, the screw head with attached disc has optimal dimensions for use.

**Gewinde D 5 x L 50 mm, Stahl verzinkt, U-Scheibe fest angesetzt, Vollgewinde, für Holz**  
 Washer fixed (firmly attached), full threads, for wood  
**Linse flachkopf 11 mm, Antrieb PZ2**  
 (Lens shallow/flat...Flat lens head) head 11 mm, drive PZ2

Die LEMIX Lehmbauplattenschraube ist speziell für die Befestigung schwerer Lehmbauplatten

geeignet. The LEMIX clayboard screw is specially designed for the fastening of heavy clayboards suitable.

**Gewinde D 5 x L 60 mm, Stahl verzinkt, Teilgewinde, für Holz**  
 Thread D 5 x L 60 mm, galvanized steel, Teilgewinde, für Holz partial thread, for wood  
**Tellerflachkopf 16 mm, Antrieb TX25**  
 (flat round/plate head) 16mm, drive TX25

Die Transporthilfe ist ein Rahmengestell, das dem sicheren, leichten und schnellen Tragen von LEMIX Lehmplatten (schwer) und CLAYTEC Lehmbauplatten auf der Baustelle dient.

The transport aid is a frame that allows the safe, easy and fast carrying of LEMIX clayboards (heavy) and CLAYTEC clayboards on the construction site.

Item	Product	Delivery form	Surface area, coverage
35.120	Clayboard screws	box of 100 pcs.*	5 × 50 mm, washer fixed
35.115	LEMIX Clayboard screws	box of 100 pcs.*	5 × 60 mm, washer fixed
182/400	transport aid LEMIX TH, for transportation clayboards, in the warehouse and on the building site	piece	approx. 80 x 63 cm, aluminium

\*Also available as 35. 125 large box with 1000 pcs.

Aluminium, Gewicht ca. 2,6 kg, Abmessungen ca. 80 x 63 cm.  
 Aluminium, weight approx. 2.6 kg, Dimensions approx. 80 x 63 cm.



## The handy: CLAYTEC HFA N+F

- Eco-friendly drywall construction made easy
- Tongue and groove joining for joints in open areas
- Handy panel format

20 or 25 mm thick CLAYTEC HFA N+F (tongue and groove) panels are mounted on timber or latticework frames in a 45 cm grid. The joints can lie within the open areas. The surfaces are coated with a reinforcement layer and rounded off with a clay finish.

1. Cramp boards together (approx. 9 cm spacing) or screw them together with Knauf all-purpose screws or clayboard screws (spacing  $\leq 20$  cm).

2. Fill in larger joints and screw hole depressions and leave to dry. Spread clay adhesive and reinforcing mortar with a toothed spatula or trueing device to a

thickness of 3 mm. Work reinforcement mesh into the wet surface.

3. After drying, finish off with YOSIMA clay design plaster (page 21) or clay finishing coat 06 and CLAYFIX coating system (page 23).

For more details of application process, view the 'CLAYTEC HFA N+F' product sheet at [www.claytec.de](http://www.claytec.de).

Item	Product	Delivery form	Surface area, coverage
09.221	CLAYTEC HFA N+F, 20 mm thickness	single units, palette of 120	0.77 m <sup>2</sup> * (0.60x1,35 )
13.555	Clay adhesive and reinforcing mortar	25 kg bag	5 m <sup>2</sup>
35. ...	Glass or flax fibre, 1 m width	Roll, 1.0 × 100 m/35 m	90 m <sup>2</sup> /32 m <sup>2</sup>

\*Area covered



## The large format: CLAYTEC base maxi

- Eco-friendly drywall construction on a 62.5 cm grid
- Work more cost-effectively on larger surfaces
- Cheaper, quicker substructure for clay finishes on wooden buildings

Large-format, 25 mm thick CLAYTEC HFA maxi boards are mounted on timber or latticework frames. The joints meet on the timbers. The panels can be used standing up or lying flat. They are coated with a reinforcement layer and rounded off with a clay finish.

1. Cramp boards together (approx. 9 cm spacing) or screw them together with Knauf all-purpose screws or clayboard screws (spacing  $\leq 20$  cm).

2. Fill in larger joints and screw hole depressions and leave to dry. Spread clay adhesive and reinforcing mortar with a toothed spatula or trueing device to a

thickness of 3 mm. Work reinforcement mesh into the wet surface.

3. After drying, finish off with YOSIMA clay design plaster (page 21) or clay finishing coat 06 and CLAYFIX coating system (page 23).

For more details of application process, view the 'CLAYTEC HFA N+F' product sheet at [www.claytec.de](http://www.claytec.de).

Item	Product	Delivery form	Surface area, coverage
09.226	CLAYTEC HFA maxi, 25 mm thickness	single units, palette of 45	2.34 m <sup>2</sup> (1.25 × 1.875)
13.555	Clay adhesive and reinforcing mortar	25 kg bag	5 m <sup>2</sup>
35. ...	Glass or flax fibre, 1 m width	Roll, 1.0 × 100 m/35 m	90 m <sup>2</sup> /32 m <sup>2</sup>





## Economical: CLAYTEC HFA thin, flat

- Affordable and quick
- Eco-friendly alternative to cladding with gypsum cardboard panels
- Easy way to give clay finish to timber buildings

8 mm-thick, soft wood fibreboard panels are fixed on solid wood panel walls or wooden composite boards, coated with a reinforcement layer and rounded off with a clay finish.

1. Clamp panels to the timber substructure. Spacing between clamps approx. 9 cm, distance to edges 10-15 mm. If screws are used, spacing between them = approx. 20 cm. Thin wooden composite boards must not be punctured.

2. Fill in larger joints and screw hole depressions and leave to dry. Spread clay adhesive and reinforcing mortar with a toothed spatula or trueing device to a thickness of 3 mm. Work reinforcement mesh into the wet surface.

3. After drying, finish off with YOSIMA clay designer plaster (page 21) or clay finishing coat 06 and CLAYFIX coating system (page 23).

For more details of the application process, view the 'CLAYTEC HFA thin' product sheet at [www.claytec.de](http://www.claytec.de).

## Gypsum cardboard/gypsum fibreboard with clay finish

- Simple, cost-effective standard solution
- Option of fire protection cladding with gypsum panels
- Option of clay finish on primer

Gypsum cardboard or gypsum fibreboard panels are mounted on solid timber panel walls or wooden composite board panels and pre-treated. They are then coated with primer and clay finish.

1. Mount gypsum panels according to manufacturer or system specifications. Reinforce and fill butt joints if necessary, surface quality Q3.

2. Pre-treat with the depth ground recommended and released by the plate manufacturer.

3. Prime with YELLOW primer

4. After drying, finish off with YOSIMA clay design plaster (page 21) or clay finishing coat 06 and CLAYFIX coating system (page 23).

Item	Product	Delivery form	Surface area, coverage
09.009	CLAYTEC HFA thin, 8 mm thickness	single units, palette of 250	1.22 m <sup>2</sup> (1.20 × 1.02)
13.555	Clay adhesive and reinforcing mortar	25 kg bag	5 m <sup>2</sup>
35. ...	Glass or flax fibre, 1 m width	Roll, 1.0 × 100 m/35 m	90 m <sup>2</sup> /32 m <sup>2</sup>

Item	Product	Delivery form	Surface area, coverage
	Gypsum board panels, 9.5 mm/12.5 mm thickness	single units or palette	diverse
13.425/420	WHITE primer	10-litre bucket/5-litre bucket	50 m <sup>2</sup> /25 m <sup>2</sup>





## Stacked walls with CLAYTEC clay bricks and clayboards

- Heat-retaining inner shell in drywall construction
- Improved sound insulation
- Quick and economical to install

In this technique for lightweight timber construction, clay bricks are stacked up dry and clamped together, not cemented. All installations can be laid through the heavy, thermally efficient trays built of 52 mm thick (thin format) clay bricks. The cables are mostly stacked up. Milled slits can also be created.

The stacking spaces are clad with CLAYTEC clayboards or other drywall construction panels. A clay plaster with plastic mortar can also be used. In this case, the vertical butt joints between the bricks can be left about 1.0 cm open when stacking them.

1. Install 25 x 50 mm batten as the lower termination of the construction, stack three layers of upright bricks in bond formation on top, clamp down with the next batten and then make this firm.
2. Mount CLAYTEC clayboards upright onto the clamping battens.
3. Fill in larger joints and screw hole depressions and leave to dry. Spread clay adhesive and reinforcing mortar with a toothed spatula or truing device to a thickness of 3 mm. Work reinforcement mesh into the wet surface.
4. After drying, finish off with YOSIMA clay design plaster (page 21) or clay finishing coat 06 and CLAYFIX coating system (page 23).

Item	Product	Delivery form	Surface area, coverage
06.010	Clay brick 1900 NF	448 pcs. on palettes	48 pcs./m <sup>2</sup>
09.004/002/014	Clayboard, D 20 / D 25 / D 22 mm thickness	single units, palette of 60	0.94 m <sup>2</sup> (0.625 x 1.50 m)
13.555	Clay adhesive and reinforcing mortar	25 kg bag	5 m <sup>2</sup>
35. ...	Glass or flax fibre, 1 m width	Roll, 1.0 x 100 m/35 m	90 m <sup>2</sup> /32 m <sup>2</sup>



## Ceiling support with CLAYTEC clay bricks

- Improved insulation from footstep noise with solid clay bricks
- Thermal storage mass in drywall construction

52 mm thick clay bricks (thin format) or 71 mm thick clay bricks (normal format) are laid on a trickle-proof underlay to form a thermal storage mass and improve insulation from footstep sounds. Alternatively, heavy or even lightweight dry earth filling material can be used.

1. Carefully lay down the trickle protection paper, with overlapping sheets and turned-up edges around pe-

ripheral areas, pipework installations, etc. If necessary, install an additional felt sheet underlay as insulation against footstep noise.

2. Lay bricks in bond formation/fill ceiling panels with dry earth filling.

3. Construct walking floor as desired, e.g. with floating soft wood fibre system.

Item	Product	Delivery form	Surface area, coverage
06.010/012	Clay brick 1900 NF/1900 DF	448/336 pcs. on palettes	48 pcs./m <sup>2</sup>
03.061	Dry earth filling material GRANULAT	12 t big bag/25 kg bag	approx 0.75 m <sup>3</sup>
03.070	Dry earth filling made easy	300 kg big bag	approx. 1 m <sup>3</sup>

## Masonry walls and timber frame cladding with CLAYTEC clay bricks

For masonry in timber buildings, CLAYTEC offers clay bricks in various formats and gross densities (weights). Two different kinds of mortar are offered.

Masonry slabs are fixed in timber frame structures with triangular battens.

Item	Product	Delivery form	Coverage**
00.050	Triangular battens, H 12 mm* x 2 m	Bundle of 12 pcs.	
06.010 - .012	Clay brick 1900 DF-1600 2DF	448-224 pcs. on palettes	48 pcs./m <sup>2</sup>
07.002	Clay brick 1800 NF	416 pcs. on palettes	48 pcs./m <sup>2</sup>
07.011 - .012	Lightweight clay brick 1200 NF - 800 NF	416 pcs. on palettes	48 pcs./m <sup>2</sup>
07.011	Clay brick 700 2DF	350 pcs. on palettes	32 pcs./m <sup>2</sup>
05.020	Clay masonry mortar	1,000 kg Big-Bag	18 m <sup>2</sup>
05.022/10.122	Lightweight clay masonry mortar	1,000 kg Big-Bag/25 kg bag	26/0.7 m <sup>2</sup>

\*H = upstand in the joint †△ \*\*With wall thickness of 11.5 cm





# YOSIMA clay design plaster

- Colouring and binding both assured, thanks to clays used
- 146 shades, 7 surface variants
- Elegant interior design with natural shades
- The perfect mineral complement to wood surfaces

YOSIMA provides colour depth without additional colouring agents or pigments. It results solely from the qualities of the clays used. The clay is both a binding

and colouring agent all in one. Its subtle colour changing gives surfaces that natural, genuine look. YOSIMA is design in clay.



YOSIMA is applied using a trowel.



Trowel marks are smoothed out with a finishing spatula



Initial surface rub.

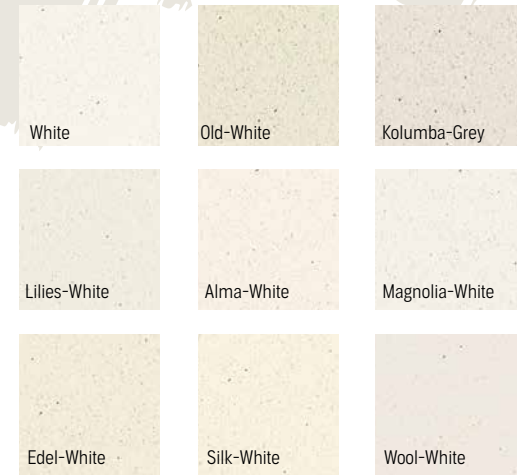
1. Apply a 1 mm thick layer of mortar 'with excess grit removed'. After leaving to dry, apply another 1.5-2 mm of mortar. It can also be applied in a single operation, with a layer thickness of 2 mm.

2. Smooth out trowel marks. After mortar has set (no longer shining wet), rub for first time with a little water. If required, repeat working procedure 1-2 times as drying proceeds, depending on surface desired. Optionally, end with smoothing off.

3. After drying is complete, remove loose particles by rubbing with a wallpaper brush, either dry or slightly moistened.



## Classic colour shades



## Basic colours



# CLAYFIX

# CLAYFIX clay paint, dry

- Eco-friendly coating material made from clay
- 146 shades, 3 surface variants
- Easy way to give clay visual effects
- On clay and all other surfaces



CLAYFIX clay coating materials are bound using a combination of clay and plant products and are water-stable.

CLAYFIX clay coatings are smooth, **grit-free** paints. We offer **fine grain** and **coarse grain** as possible structural additives.

Highly beneficial to building biology, the material is an active product, free of solvents or hazardous substances and is breathable.

Pre-treatment is carried out with CLAYTEC primer WHITE.



## Colour palettes

Colour palette: indian-red



Colour palette: natural-umber



Colour palette: sahara-beige



Colour palette: gold-ochre



1. Apply clay finishing plaster, fine 06, 3 mm thick. After applying the mortar, rub surface or, if necessary, smooth it. Clay adhesive and reinforcing mortar can be used for rubbed surfaces if they have been well prepared. Especially smooth surfaces can be rendered in natural brown using a clay filling and smoothing putty.

reinforcing product for gypsum drywall constructions! It only serves to fill defective areas and provide a flat overlay.

2. Apply WHITE primer with a roller, (broad) brush or spray.

3. Apply one or two coats of dry CLAYFIX clay paint, either without grain or with fine or coarse grain additive.

If required, gypsum cardboard and gypsum fibreboards can be rendered natural white with a clay filling and smoothing putty. NOTE: This filler is not a

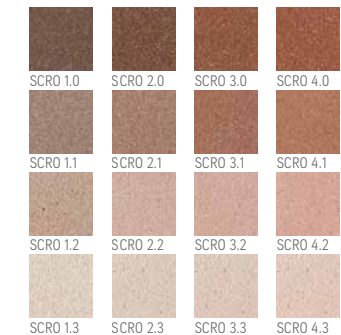
Colour palette: reed-yellow



Colour palette: jade-green



Colour palette: sienna-brown





# Design for purists



## Rammed earth walls and prefabricated rammed earth elements

- Clay design par excellence
- Thermal storage mass
- Indoor climate and acoustics

Rammed earth construction is clay construction in its purest and most archaic form. The aesthetic and architectural expressive power of rammed earth has made it the material of choice for challenging design.

Heavy, solid rammed earth walls create a captivating architectural contrast to wood and glass. From a thermal point of view it contributes to a balanced indoor climate.

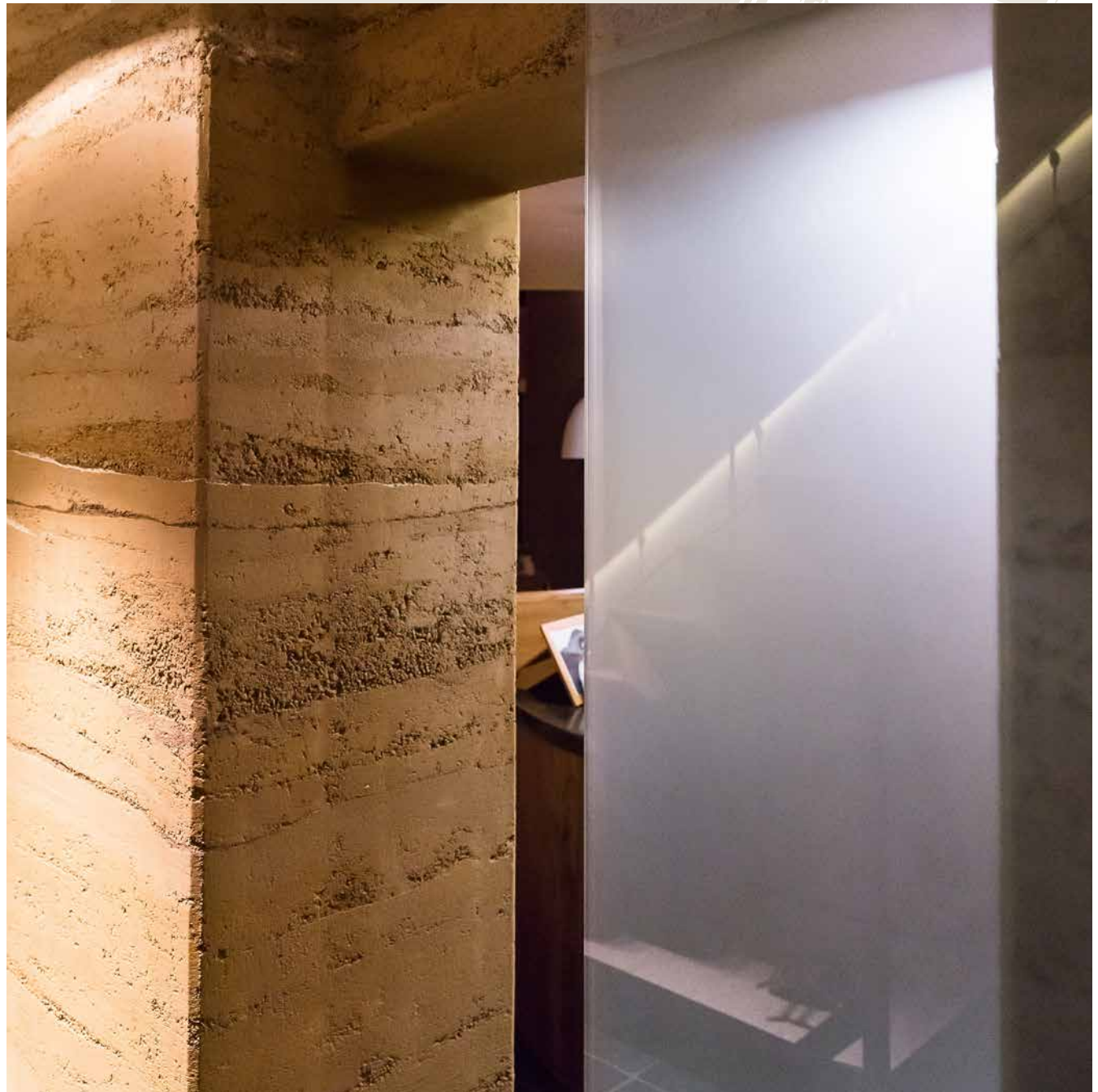
CLAYTEC offers coloured rammed earths that derive their depth and calculated effect from all the clay and stone grits used. We gladly offer professional advice on planning and construction.



Natural rammed earth    Natural FINE rammed earth    WHITE rammed earth



YELLOW rammed earth    RED rammed earth    GREY rammed earth



# What's the next step?

## Looking for skilled workers

Are you looking for skilled tradespeople? On our web pages you'll find more than 475 trained CLAYTEC skilled work partners in different specialist trades. The diamond symbol in the skilled worker contact database shows you who has experience using YOSIMA in the field of 'fine surfaces'. Some businesses can present references. We're glad to help you find the right skilled trade firm. Simply call the staff member indicated on the right for your area.

## Looking for vendors

Our vendors hold stocks of CLAYTEC building materials and keep them ready for you at all times. As trained partners, they can guarantee you expert advice. Our website shows their locations. Here we also make the same offer as before: Feel free to call us! We'll make sure that you receive your goods. That particularly applies if the nearest vendor isn't located in your neighbourhood.

## Looking for architects

Even if we can't provide architect recommendations for all areas, we still are in contact with lots of interior architects and designers with creativity and experience. Feel free to call us! We're also happy to advise the architect of your choice.

## Our support staff are there to help you



WEST

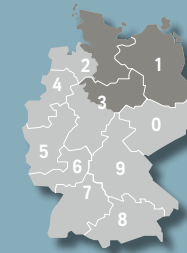
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OST

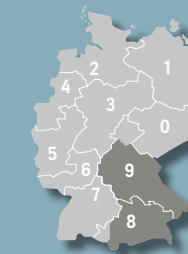
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\*HANDEL, HANDWERK, ARCHITEKTEN

# Advice and application techniques



## Technical advice

Our architects and skilled trades specialists are always on call for you during office hours, 7:45am to 5pm Mon–Thurs and 7:45am to 3pm Fri. Select the telephone number of the contact partner for your region indicated on the left, or send us an e-mail. If it's a matter of complex issues, our skilled work and planning support person will also be glad to offer you an appointment on-site.

## Worksheets

The **Fine-finish surfaces** worksheet provides detailed, practical, non-product-specific information on preparing backgrounds, surface design and working with YOSIMA clay designer plaster, coloured clay filler and CLAYFIX coating materials.

The complete list of worksheet titles:

- Fine-finish surfaces**
- Clay plasters**
- Timber-frame construction**
- Interior insulation**

Festool, the market leader for professional power tools in construction, offers in cooperation with CLAYTEC the sophisticated machine technology especially for clay drywall. The joint user video shows the cutting of clay building boards and other ecological drywall boards. You can see the processing with plunge-cut saws and cutting systems, each with professional mobile dust extraction. Other topics include screwing on the panels, mixing thin-layer clay coatings and the perfect sanding of clay filling and surface filler in Q3 quality.

All the pages are also available for download at [www.claytec.de/produkte/downloads](http://www.claytec.de/produkte/downloads)



## Application video

Festool, der Marktführer für Profi-Elektrowerkzeug am Bau, bietet in Zusammenarbeit mit CLAYTEC die ausgereifte Maschinenteknik speziell für den Lehm-Trockenbau. Das gemeinsame Anwender-Video zeigt den Zuschnitt von Lehm-Boards und anderen ökologischen Trockenbauplatten. Zu sehen ist die Verarbeitung mit Tauchsägen und Trennsystemen, jeweils mit professioneller mobiler Staubabsaugung. Weitere Themen sind das Anschrauben der Platten, das Anmischen von Lehm-Dünnschichten und der perfekte Schliff von Lehm-Füll- und Flächenspachtel in Q3 Qualität.

## Tender texts

To help planners, we have created tender texts for all techniques. The list also shows important preliminary and subsidiary tasks, to draw attention to technically or financially relevant work. Our website automatically directs you to the [www.ausschreiben.de](http://www.ausschreiben.de) platform of Orca Software. The texts can be imported into all AVA programs.

## Machine technology

Skilled workers apply our clay plasters with plastering machines. We have tested the most important brands for you. You'll find the most important plastering machine manufacturers, plus contact details and competent contact partners at [www.claytec.de/produkte/maschinenteknik](http://www.claytec.de/produkte/maschinenteknik)

## Wall-mounted heating and cooling systems

Wall panel heating consists of pipe registers plastered into the clay mortar or embedded in the clay in other ways. Thanks to their low surface temperature, the heat is mainly emitted by radiation. The heating systems can be switched over to cooling in the summer. At this technique no radiators are necessary. You'll find the most important system manufacturers, plus contact details and technical information on the heating systems at [www.claytec.de/produkte/wandflaecheheizung](http://www.claytec.de/produkte/wandflaecheheizung)

## The CLAYTEC product catalogue:



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Baustoffe aus Lehm.

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