

YOSIMA

■ ■ ■ ■ ■ ■ EXPERIENCE DEPTH – ROOMS OF CLAY



 **ClayTec**[®]
Clay at its best.



EXPERIENCE DEPTH



Kolumba Art museum of the Archdiocese of Cologne



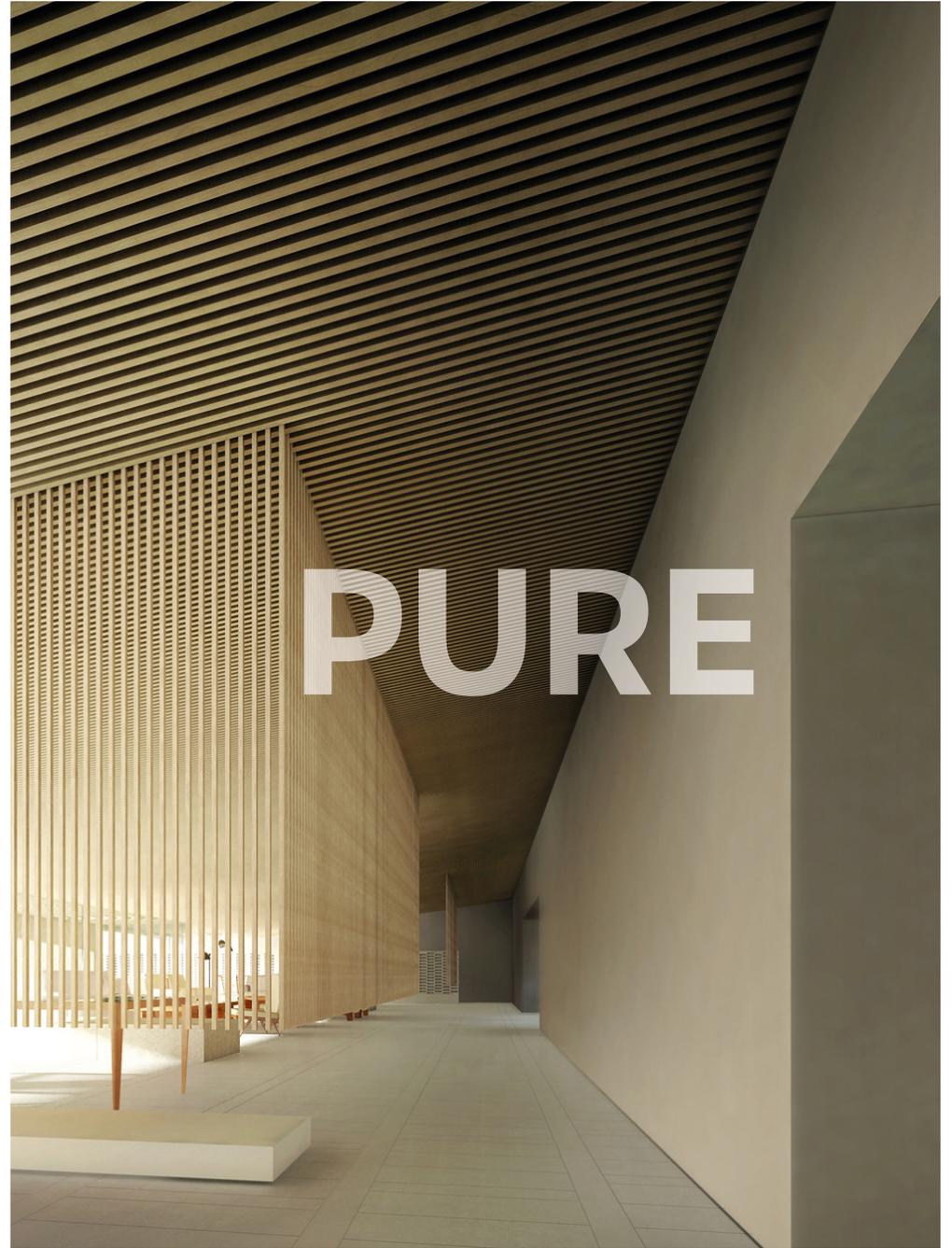
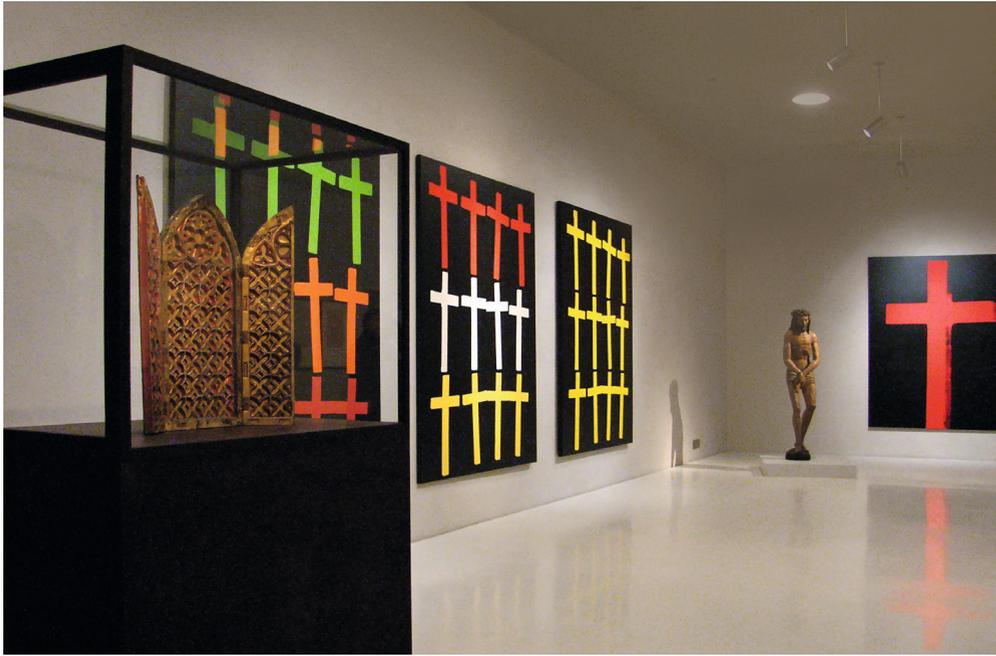
Beluga Shipping Company, Bremen, Germany

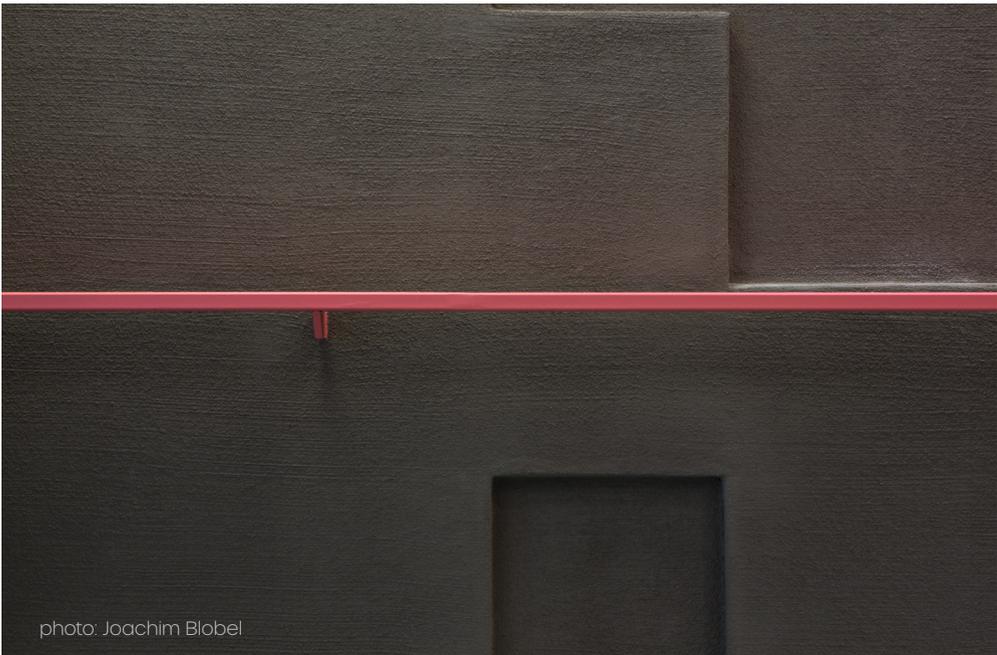


Ecolut Forum Seminar Centre, Engelskirchen, Germany

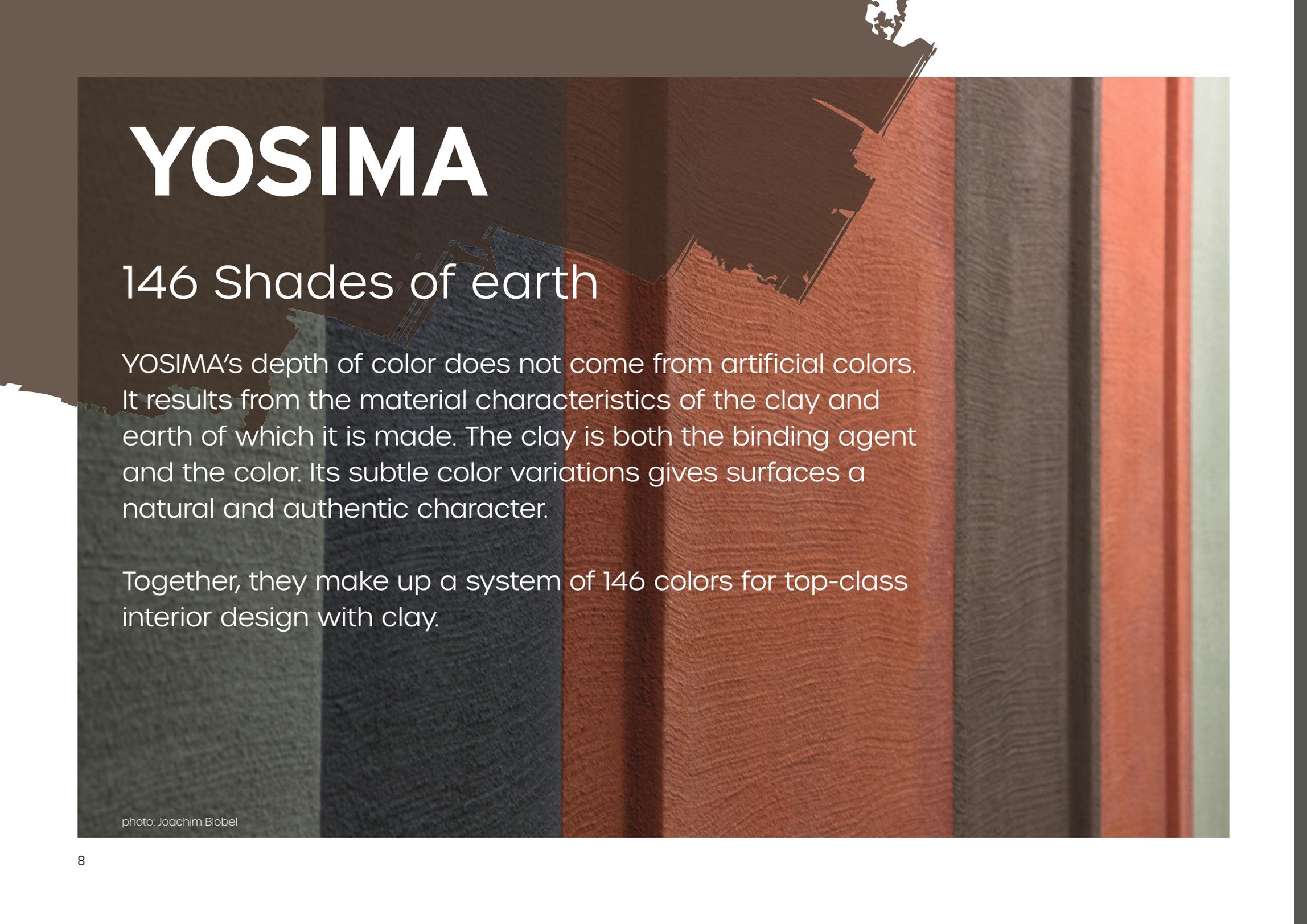


Hospital St. Elisabeth und St. Barbara in Halle, Germany





YOSIMA



146 Shades of earth

YOSIMA's depth of color does not come from artificial colors. It results from the material characteristics of the clay and earth of which it is made. The clay is both the binding agent and the color. Its subtle color variations gives surfaces a natural and authentic character.

Together, they make up a system of 146 colors for top-class interior design with clay.

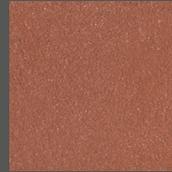
photo: Joachim Blobel

Base colors

For the base colors, ClayTec uses selected clays with an exceptionally pronounced depth of color. The red coloration is a product of occurring iron oxides in the clay, the yellow of iron hydroxides. Green clay result from very fine iron particles embedded in its mineral lattice, while brown clays are a product of the presence of manganese and black of charcoal.

ClayTec offers five base colors for YOSIMA, each of which also comes in four mixtures of gradually increasing whiteness.

Red



RO 0

Yellow



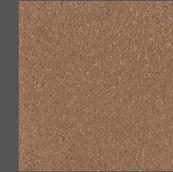
GE 0

Green



GR 0

Brown



BR 0

Black



SC 0



RO 1



GE 1



GR 1



BR 1



SC 1



RO 2



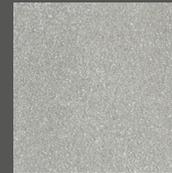
GE 2



GR 2



BR 2



SC 2



RO 3



GE 3



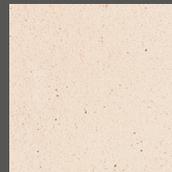
GR 3



BR 3



SC 3



RO 4



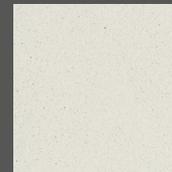
GE 4



GR 4



BR 4



SC 4

Due to the printing technique, the colors shown here may differ from the original.



photo: Simon Menges



photo: Tanja Schindler

Classic-color palette

Is there white clay? Yeah, kaolin. The name is derived from the Chinese place name Gaoling. Kaolin is also known as porcelain clay, from which the finest ceramics have been made for thousands of years. This is the raw material for YOSIMA White WE 0.

The other YOSIMA Classic colours have portions of colored or black tones. Old-white has been one of the most successful color shades for years. Kolumba Grey was developed together with and for the Swiss architect Peter Zumthor, used extensively at the Kolumba Museum, Cologne. Six of the Classic colors are based on the most suitable basic shades. They are particularly brightened, so that the addition of colour does not cause more than a slight shimmer.



White



Old-White



Kolumba-Grey



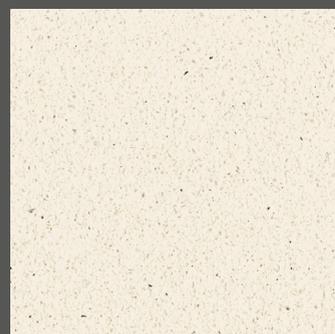
Wool-White



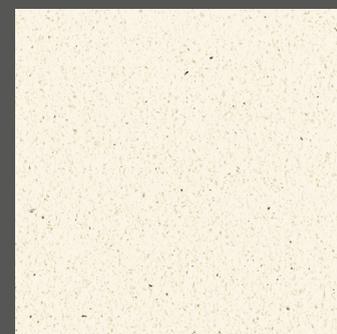
Alma-White



Magnolia-White



Edel-White



Silk-White



Lilies-White

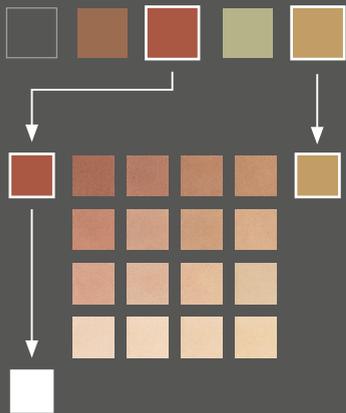
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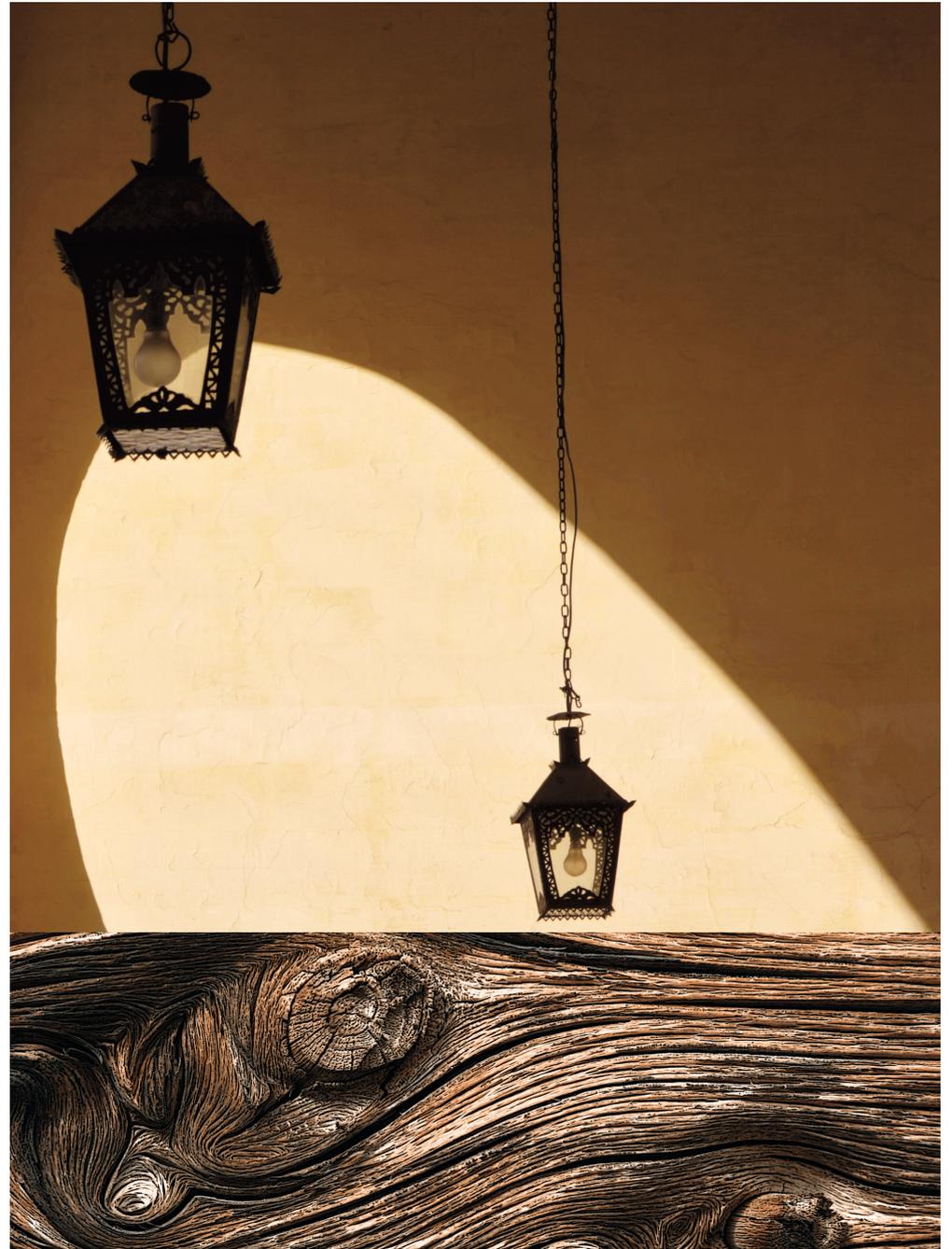
color palette: indian-red

Clays and earths reflect the colors of the world. Ancient cultures were known to have used earth to decorate their living environment. The colors of the Indian Red palette radiate calm, deep warmth.

From the vast range of possible colours, ClayTec has selected seven especially attractive color palettes. Each colour palette is made from two base colors, available in four different blends. These blends are additionally available in three lighter tones.

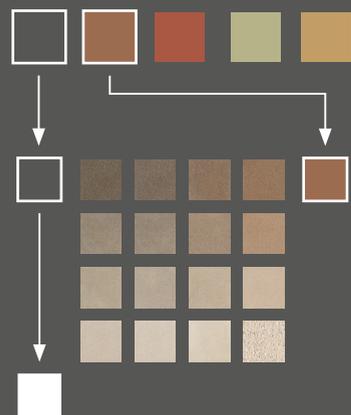


Due to the printing technique, the colors shown here may differ from the original.



color palette: umbra-natural

Earth tones have a natural beauty that we respond to instinctively. But clay plaster is not just visually appealing. It also has properties that have a proven beneficial effect on the indoor climate, making our homes the restful centre of everyday life.

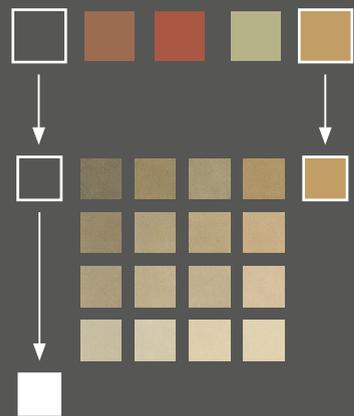


Due to the printing technique, the colors shown here may differ from the original.



color palette: sahra-beige

In many cultures, people use clay and earth to decorate the most prestigious rooms in the house. Their perfectly crafted surface finishes are regarded as having a unique quality and lasting value. They are to be experienced, not just by themselves but also by their friends and guests.

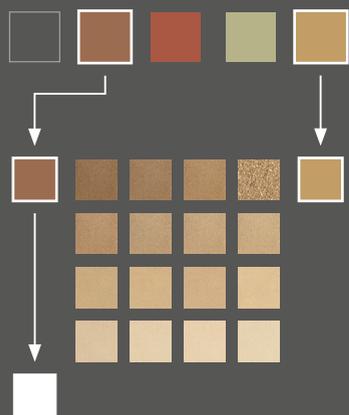


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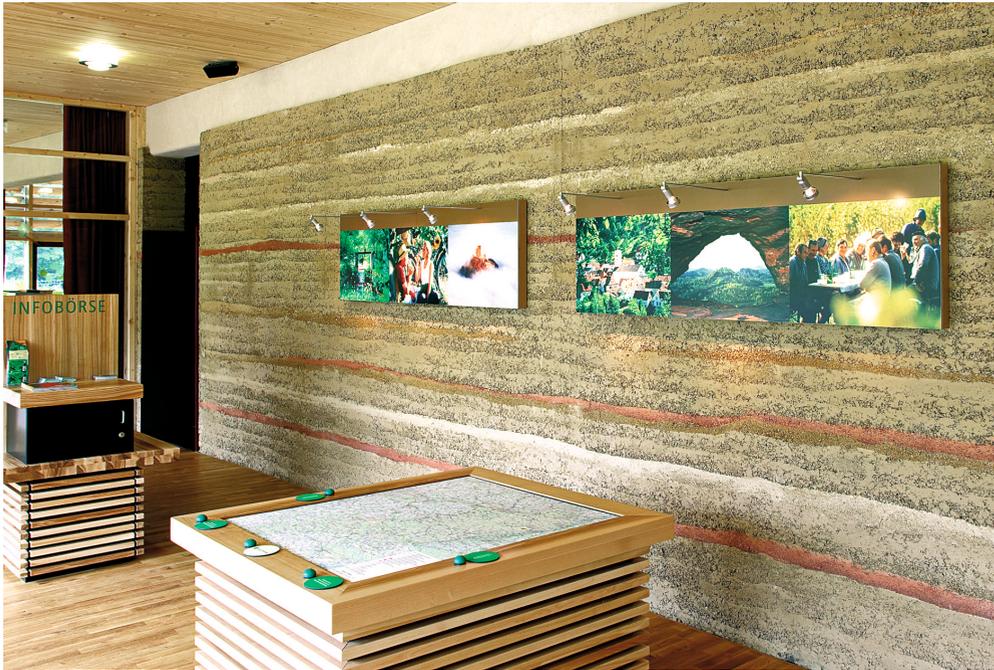


color palette: gold-ochre

Gold and ochre tones are warm and soft. As the most typical of all earth colors they unite calmness and solidity with openness and spaciousness. They communicate a sense of being rooted in the earth while simultaneously amplifying the effect of the sun to produce bright and light interiors

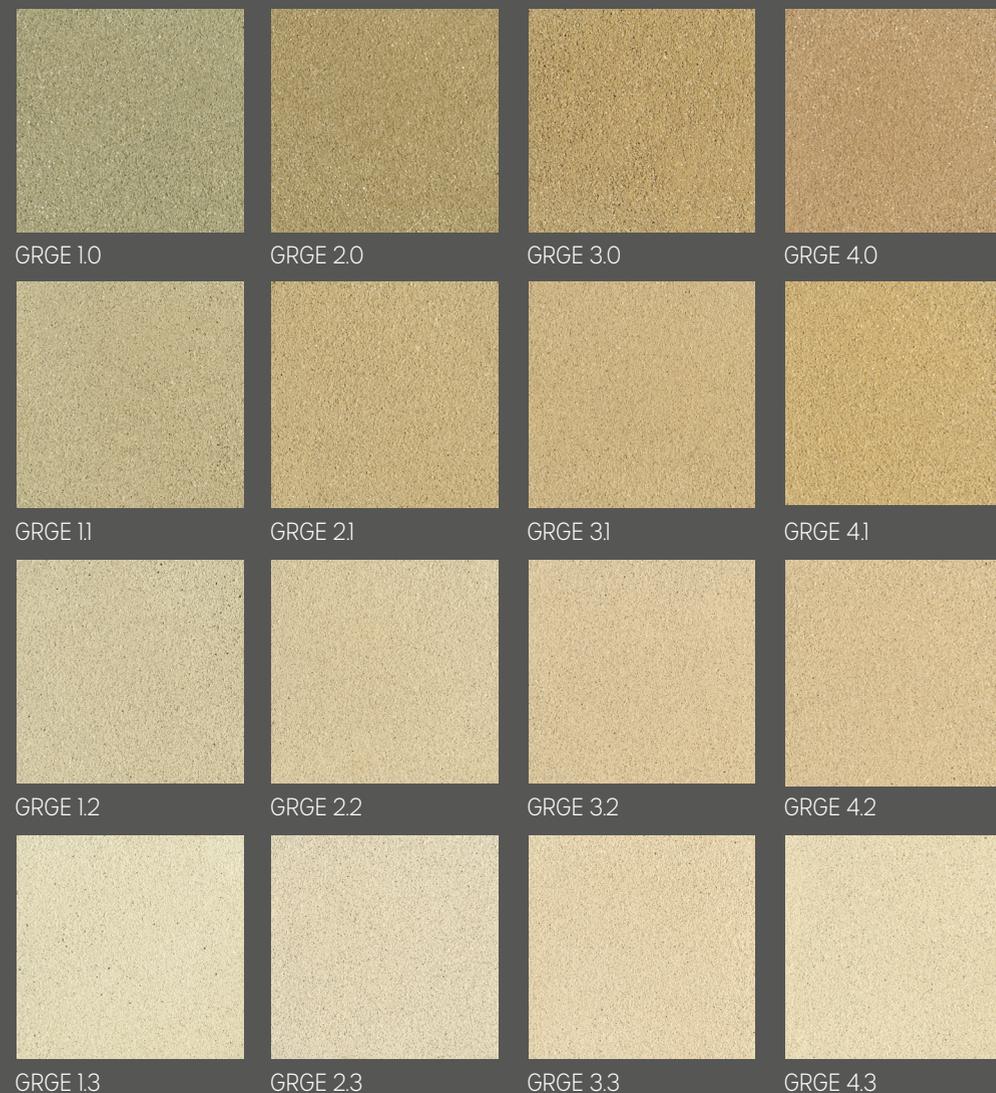
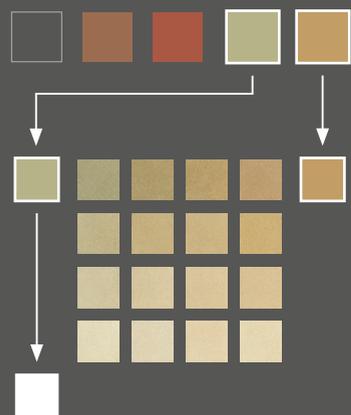


Due to the printing technique, the colors shown here may differ from the original.



color palette: reed-yellow

Gentle greens and yellows create a sense of well-being. Together with the balanced climate of clay interiors, they provide ideal conditions for healthy living – especially important in this age of modern, energy-efficient building. And not only that: clay and earth are more environmentally friendly than almost all other building materials.

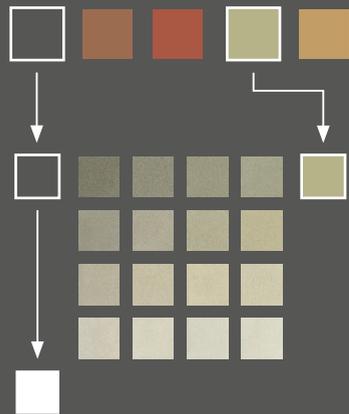


Due to the printing technique, the colors shown here may differ from the original.



color palette: jade-green

This spectrum of clays ranges from colors that are cool and soothing to those with a hint of the exotic. Green and grey are the favourite colors of designers and architects. They are sophisticated, restrained and subtle – ideal for interiors that reflect the perfect harmonies of nature.

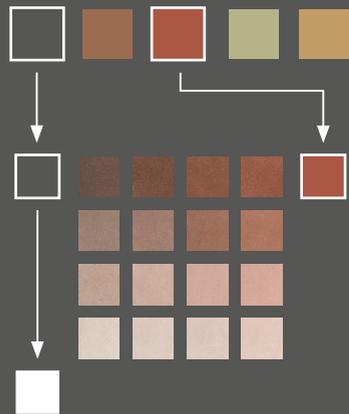


Due to the printing technique, the colors shown here may differ from the original.



color palette: sienna-brown

Sienna brown epitomises the vitality and beauty of colored clays and earth. It is a palette that evokes the earthy warmth of natural materials soaking up the heat of the sun. It recalls the flair of southern Europe and exemplifies the sense of depth felt in rooms lined with clay plaster.



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YOSIMA

Type: Clay design plaster

YOSIMA clay design plaster is a colored wall finishing material made from clay and earth. The clay serves as both a natural binder and coloring agent—no artificial pigments are added.

YOSIMA clay design plaster is available in 146 earthy shades, including nine classic tones. In addition, six structural additives can be used to create a variety of visual effects. YOSIMA surfaces are elegant, vibrantly colored, and full of brilliance. They radiate a calm, harmonious beauty you'll appreciate day after day.

The surface texture is determined by the plaster's composition and the application technique. Seven textural additives are available, allowing for a range of unique surface effects. They can be mixed into each of the 146 tones of colors.

Plaster textures



Straw



Japan



Herbs



Red stone

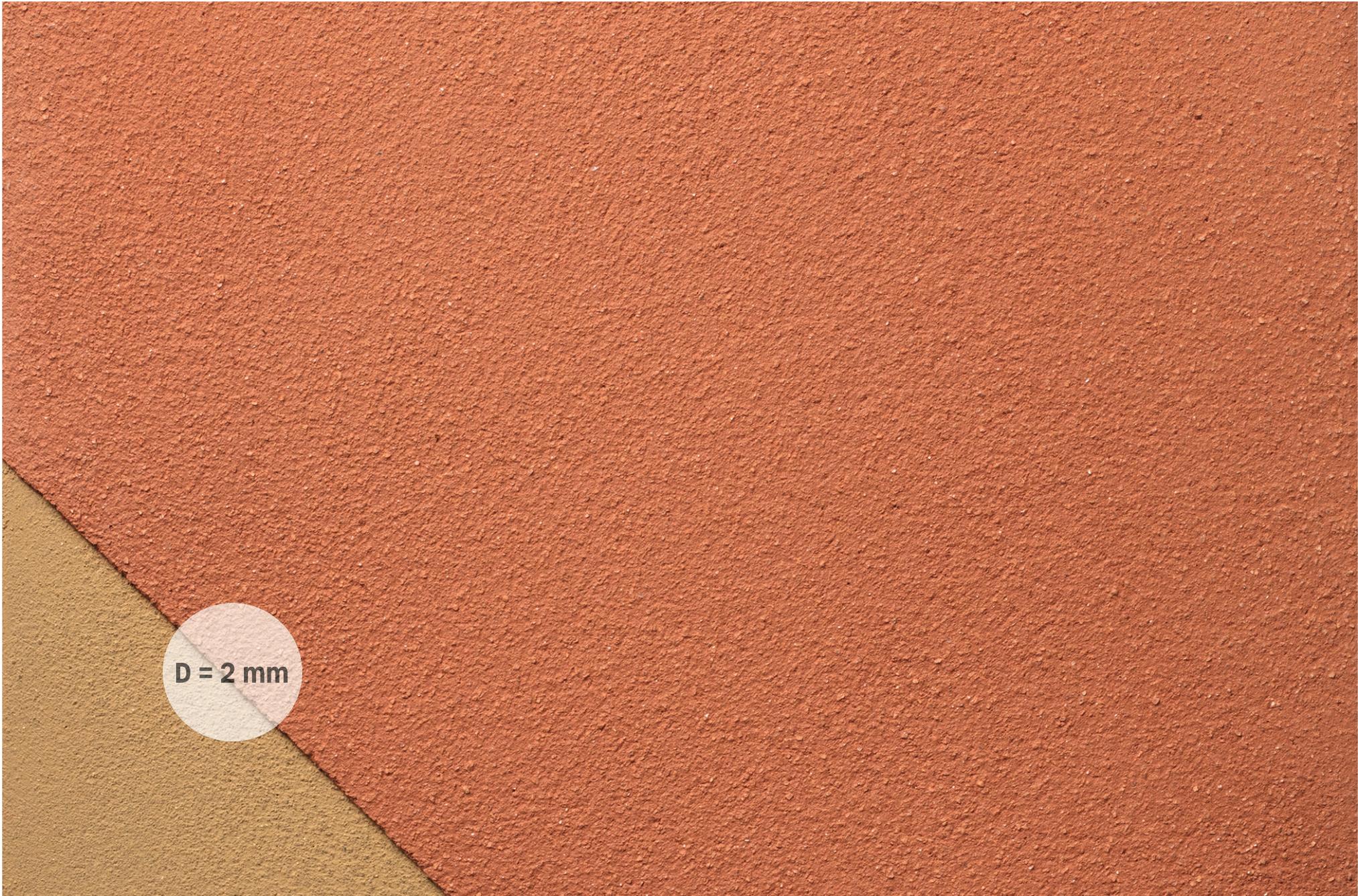


Pearl



Flash





D = 2 mm

YOSIMA

Type: Clay surfacer

YOSIMA colored clay surfacer is a smooth wall finish that creates a modern yet timeless atmosphere. It can be sanded, is very smooth and is even water-repellent to a certain extent. A wide range of surfaces can be created, from calm and homogeneous to dynamic and textured. When treated with wax, the colors become even deeper and more intense. YOSIMA clay surfacer is offered in 146 earth-colored tones.

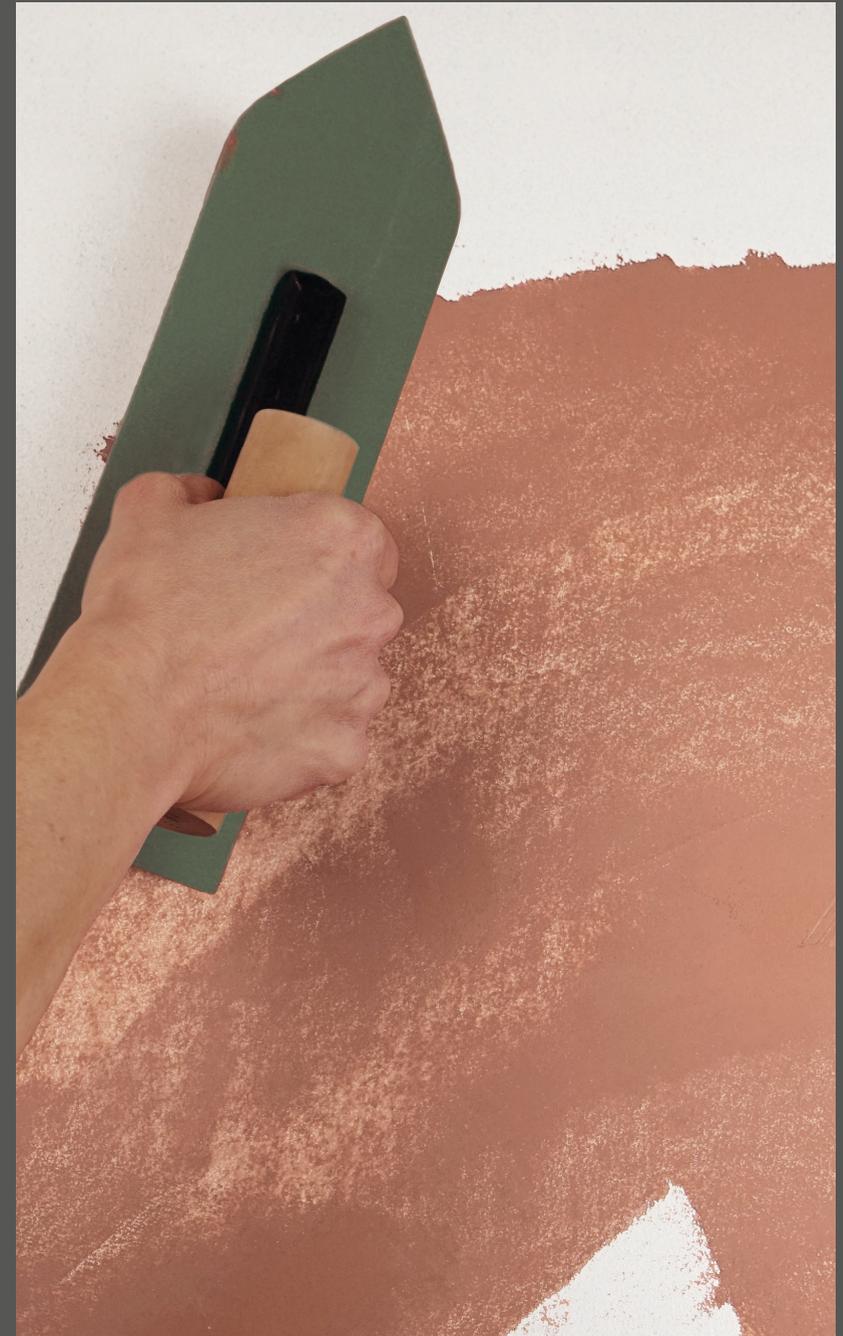
Surface effects (examples)



Red (RO 0)



Red (RO 0) marbled







Advice and application techniques

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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, clay surfacer and ClayFix coating materials.

The complete list of worksheet titles:

Fine-finish surfaces

Clay plasters

Timber-frame construction

Interior insulation

Ecological drywalls in system

Application video

The drywall construction videos show you the most important manoeuvres. See for yourself: clay drywall construction is easy to handle. Our YouTube channel provides further videos on working with YOSIMA clay designer plaster and internal insulation.



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 claytec.de/en/application-technology/machine-technology/

Wall panel heating

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. This technique avoids the need for radiators. You'll find the most important system manufacturers, plus contact details and technical information on the heating systems at claytec.de/en/application-technology/surface-heating/

All the pages are also available for download at claytec.de/en/application-technology/downloads/

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