



INTELLIGENTWOOD

made of Resysta®

- **Absolutely easy care and permanently beautiful**
- **Extensive colour variety**
- **Tremendous design freedom**



reddot design award  
winner 2017

Façades and floors made of **UPB BOARD**







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Impressive sustainable **FAÇADES**





INTELLIGENT WOOD exciting façade cladding.

# YOU CAN NEVER HAVE A SECOND FIRST IMPRESSION

First impressions are important. In any case, you can't repeat them – that applies to people as well as to objects.

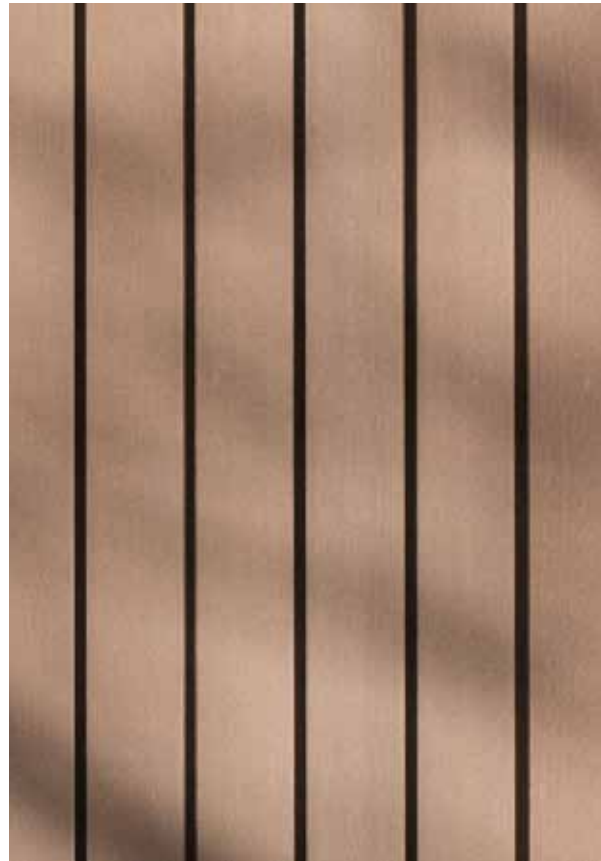
The façade of your house or company headquarters significantly influences the first impression of your guests. With INTELLIGENT WOOD façades, you don't have to worry about the first impression your façade makes. That's because INTELLIGENT WOOD façade elements are permanently weather-resistant. In other words, water and UV radiation can't harm your

façade, unlike is the case with wood façades. In addition, INTELLIGENT WOOD façade elements made of Resysta are extremely sustainable, since they consist of approx. 60% rice husk, a waste product from the food industry.

No tree has to be cut down to produce it. All of the remains from the timbering are shredded and added back to the production process. As a result, the utilised raw materials have a much longer use compared to wood.



*Inevitable side effect: Even with the best protection, wooden façades weather sooner or later. The consequences are sanding and stroking.*



*This is not the case with INTELLIGENT WOOD made of Resysta. Even after many years, the façade still looks like it did the first day.*





INTELLIGENT WOOD: simply better than usual



# THE DEVELOPMENT OF THE WOOD FAÇADE

Resysta façades are used where wood reaches its limits – just where greying is undesirable, water resistance is indispensable and minimal care is required.

The fact that INTELLIGENT WOOD façades made of Resysta can do more has been proven by numerous endurance tests. For example, Resysta products did not show any noticeable fading after 2000 hours of continuous loading in the xenon test, which tests the resistance to UV radiation – in contrast to wood or even WPC products.

The special characteristics of rice husk (which composes about 60% of Resysta) are also features of Resysta products. Like rice husk, they are absolutely water resistant and defy even the most adverse weather conditions. They are ideal for outdoor use.

If wooden façades are to look good in the long term, a lot of regular care is required to protect the wood from moisture, mould and colour changes. INTELLIGENT WOOD façades made of Resysta, on the other hand, naturally don't absorb water. Therefore, they can be easily cleaned – no more care is necessary.



*The unique INTELLIGENT WOOD Colour Concept lets you have fresh colours on your façade.*

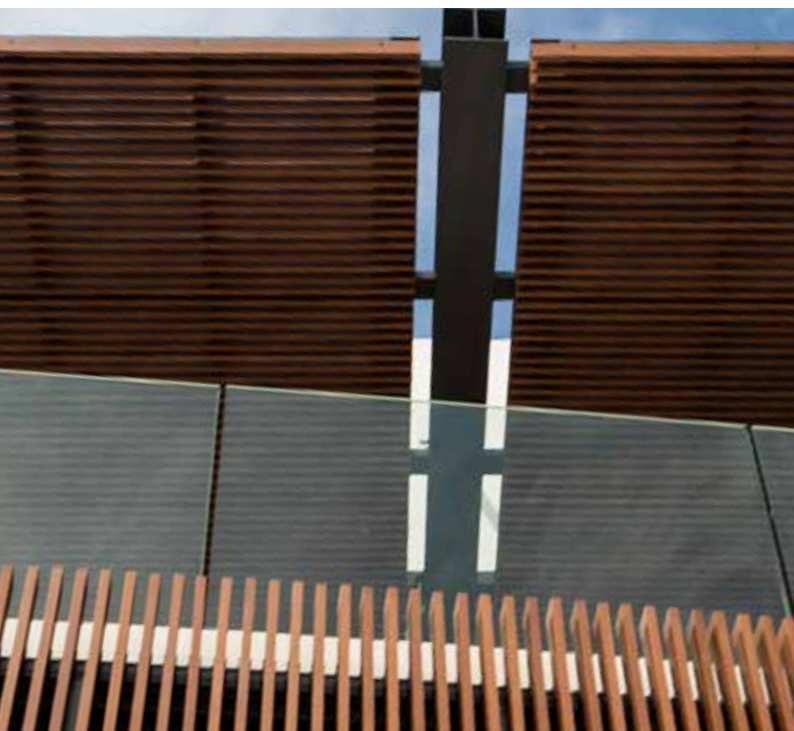
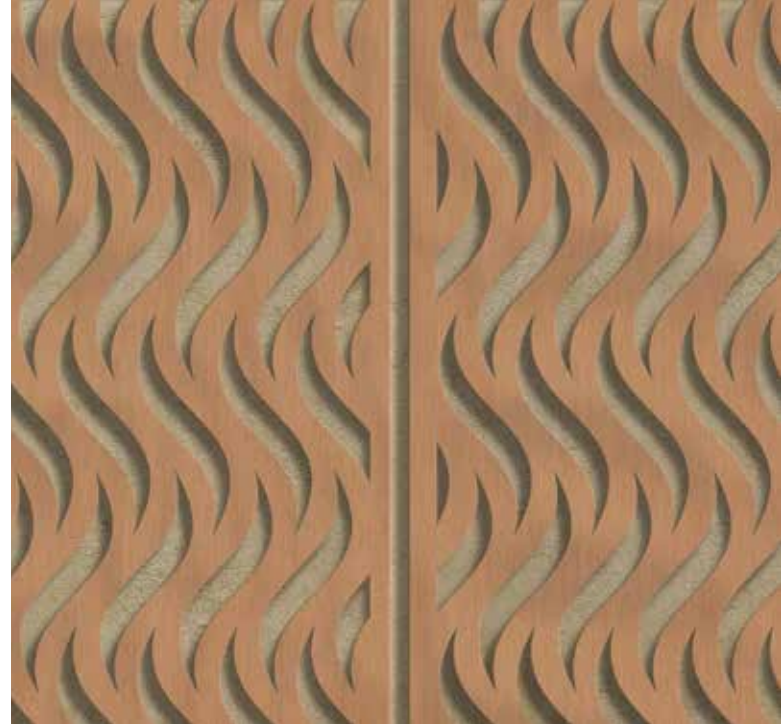


*Who wants to paint their façade?  
But having only grey is boring.  
INTELLIGENT WOOD solves the problem for you.*



*Greying is a thing of the past. Once installed, Resysta maintains its colour for an incredibly long time.  
Don't believe it? Contact us!*





INTELLIGENT WOOD exciting façade cladding



# ONE PANEL

## MANY FAÇADE SOLUTIONS

All INTELLIGENT WOOD products made of Resysta on the following pages are made from one and the same basic product: the revolutionary Universal Performance Board (UPB plate). With the aid of various state-of-the-art manufacturing processes, a single panel becomes a variety of façade systems.

With tongue and groove, rhombus profiles, floor coverings or simple cladding panels, architects and builders have almost unlimited design possibilities. And since there is also a comprehensive colour concept for products made of Resysta, all design requirements can be met in this respect, too.







# FAÇADE ELEMENTS

## PANELS FOR FAÇADE CLADDING

INTELLIGENT WOOD offers various façade systems. The simplest and most flexible are façade panels with thicknesses of 8, 12 or 16 mm. These can be cut in a variety of forms – even cornering is possible, thanks to the thermoformability of the material. Due to the size of the panels, coloured façades are also particularly good effect. For this purpose, INTELLIGENT WOOD offers a very large colour palette in order to give builders and architects as much creative freedom as possible.

INTELLIGENT WOOD façade panels are available in the following dimensions

Thickness in mm	Width x length in mm
8	600 x 600 600 x 1200 1200 x 1200
12	600 x 600 600 x 1200 1200 x 1200
16	600 x 600 600 x 1200 1200 x 1200

Other thicknesses and dimensions can be produced upon request.





Waitrose

plants

Scented

overgarden

Scented



## FAÇADE ELEMENTS

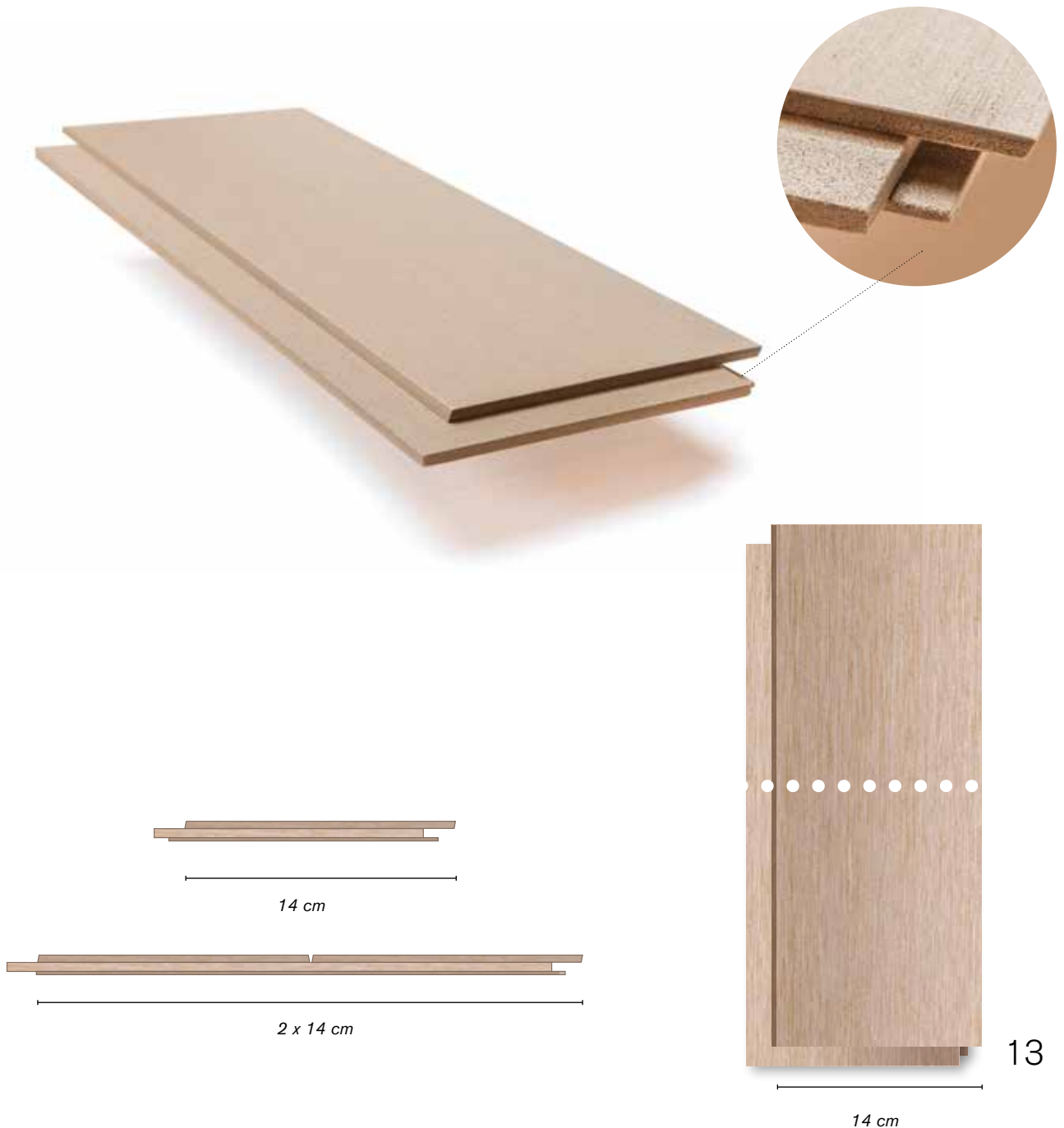
# INTELLIGENT WOOD TONGUE AND GROOVE

The INTELLIGENT WOOD tongue and groove system made of Resysta gives your façade a neutral yet beautifully structured look. With accentuated use of colour, larger façades can also be made exciting.

INTELLIGENT WOOD tongue and groove façade elements are available in the following dimensions

Thickness in mm	Width x length in cm
12	140 x 2400 in 300 steps to 5100
12	2 x 140 x 2400 in 300 steps to 5100

Other thicknesses and dimensions can be produced upon request.







## FAÇADE ELEMENTS

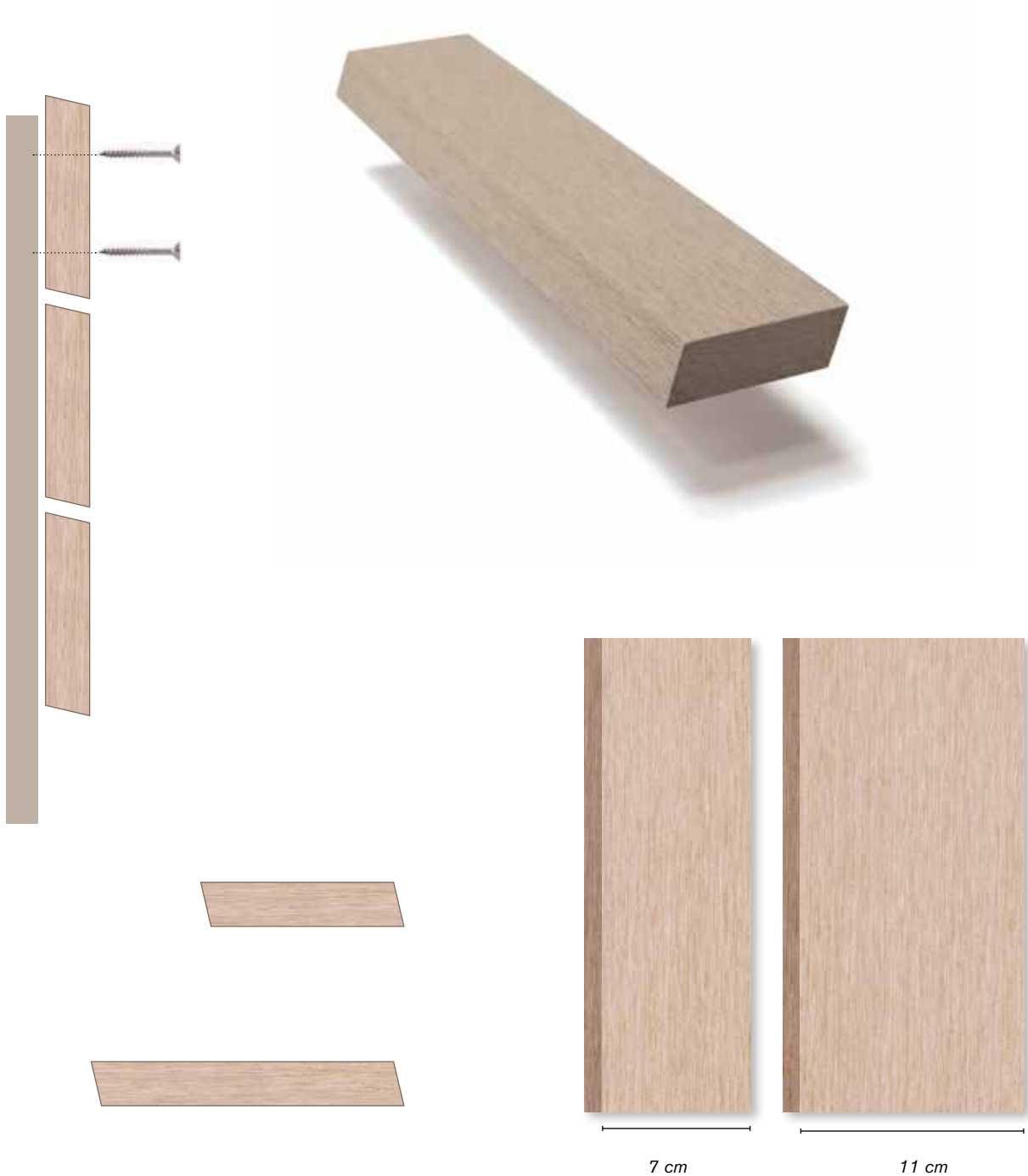
# INTELLIGENT WOOD RHOMBUS PROFILE

The INTELLIGENT WOOD rhombus profile made of Resysta gives your façade a natural and light appearance. Due to the different profile widths, you can choose to place the focus on either lightness or a flat structure.

INTELLIGENT WOOD rhombus profiles are available in the following dimensions

Thickness in mm	Width x length in mm
20	70 x 2400 in 300 steps to 5100
20	110 x 2400 in 300 steps to 5100

Other thicknesses and dimensions can be produced upon request.







## FAÇADE ELEMENTS

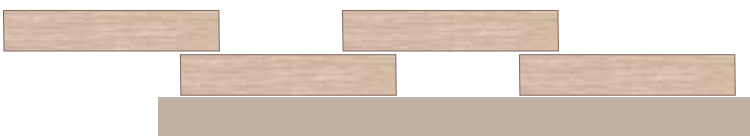
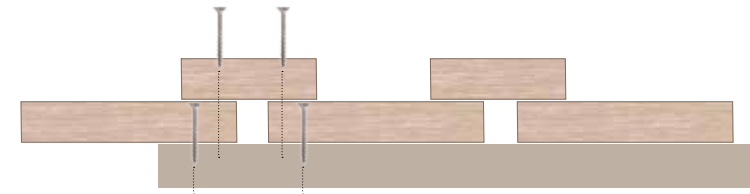
# INTELLIGENT WOOD FLOOR COVER PROFILE

The INTELLIGENT WOOD floor cover profile made of Resysta creates a closed-surface look while providing your façade with a subtle structure.

INTELLIGENT WOOD floor cover profiles are available in the following dimensions

Thickness in mm	Width x length in mm
16	70 x 2400 in 300 steps to 5100
16	140 x 2400 in 300 steps to 5100

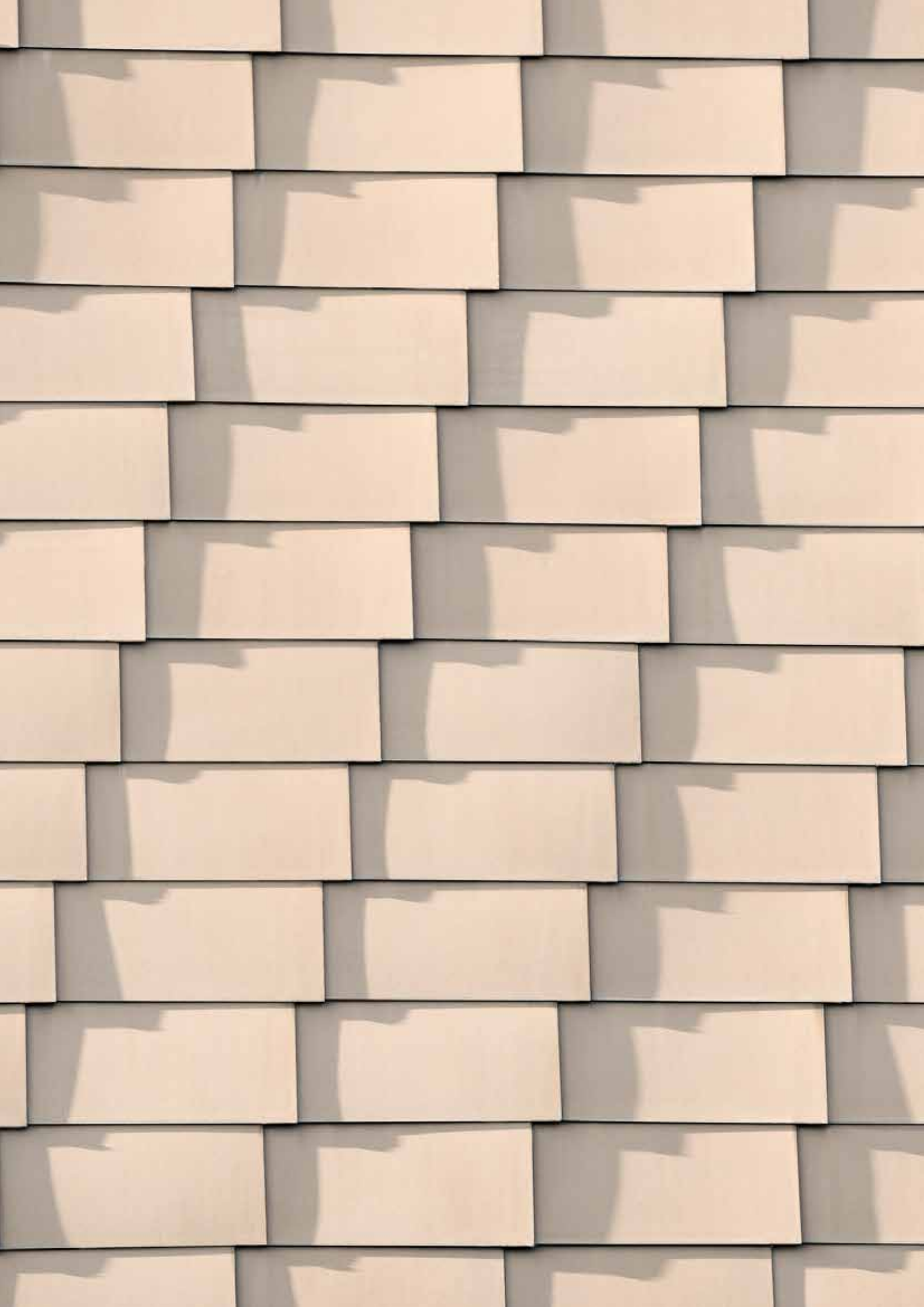
Andere Stärken und Abmessungen, können auf Anfrage produziert werden.



7 cm



11 cm





## FAÇADE ELEMENTS

# INTELLIGENT WOOD CLADDING PANELS

Cladding panels from INTELLIGENT WOOD are universally applicable. Depending on their size, they give your façade more or less structure. Because the sizes of the various Resysta cladding panels are matched, the combination of cladding panels of different sizes can create exciting façade designs.

INTELLIGENT WOOD cladding panels are available in the following dimensions

Thickness in mm	Width x length in mm
8	300 x 600
8	300 x 900
8	300 x 1200

Other thicknesses and dimensions can be produced on request.



60 cm

30 cm



90 cm



120 cm

19







INTELLIGENTWOOD

made of Resysta®

- **Absolutely easy care and permanently beautiful**
- **Extensive colour variety**
- **Tremendous design freedom**

Impressive sustainable **TERRACES**



INTELLIGENT WOOD protects the environment sustainably. For you and your children.



# TERRACES OF TODAY

## MADE OF THE MATERIAL OF TOMORROW

Elegant materials are impressive not only because of their looks, but also because of their special texture. The materials are especially good if you walk on them barefoot. INTELLIGENT WOOD terrace boards are not only impressive thanks to the comparable appearance of tropical woods; they also feel that way.

Moreover, even the most adverse weather conditions can't harm them, since INTELLIGENT WOOD terrace boards made of Resysta are absolutely waterproof and barely fade, even when exposed to strong UV

radiation. They're even pleasant under a person's feet, because they're non-slip even when wet, and, due to their patented formula, they can't splinter – painful injuries are therefore a thing of the past.

INTELLIGENT WOOD terrace boards are also good for the environment: since 60% of their composition consists of rice husks, a waste product of the food industry, they are 100% recyclable.



*A familiar picture. After a little while in the open air, wooden terraces become unsightly and require a lot of maintenance.*



*This is not the case with INTELLIGENT WOOD made of Resysta. With the least possible effort, you get maximum enjoyment out of your terrace.*



Designed floors for the interior & exterior



## TERRACE DESIGN WITH A PARQUET STYLE

Thanks to threshold-free terrace doors, the interior area and terraces are visually closer to each other. Since the thresholds are to some degree barely noticeable, the visual leap between indoors and outdoor becomes very clear. Since INTELLIGENT WOOD Resysta floors can be used both indoors and out, the interior design can be easily applied to the adjacent terrace or balcony. As a result, the living space and the exterior surfaces blend together to form a beautiful unit.



*What other people only dream about: The parquet flooring goes seamlessly into the terrace covering. INTELLIGENT-WOOD makes it possible and creates homogeneous surfaces for a pleasant sense of well-being.*







# INTELLIGENT WOOD TONGUE AND GROOVE

## THE VISUALLY CLOSED SURFACE

Terraces have traditionally had their own appearance. Due to the structural design with substructure and rear ventilation, many are very similar. Only the surface structure of the terrace boards can influence the design. Thanks to the the INTELLIGENT WOOD tongue and groove system made of Resysta and due to its 100% water-resistant properties a visually uniform and continuous surface can be realized. Major advantage: weeds cannot grow from underneath and nothing valuable can disappear in between joints.

Furthermore the panel design of interior spaces can be visually continued on the terrace. This creates literally new spaces – and not only in the design.

INTELLIGENT WOOD tongue and groove floorboards are available in the following dimensions

Thickness in mm	Width x length in mm
20	140 x 2400 in 300 steps to 5100
20	2 x 140 x 2400 in 300 steps to 5100

Other thicknesses and dimensions can be produced upon request.









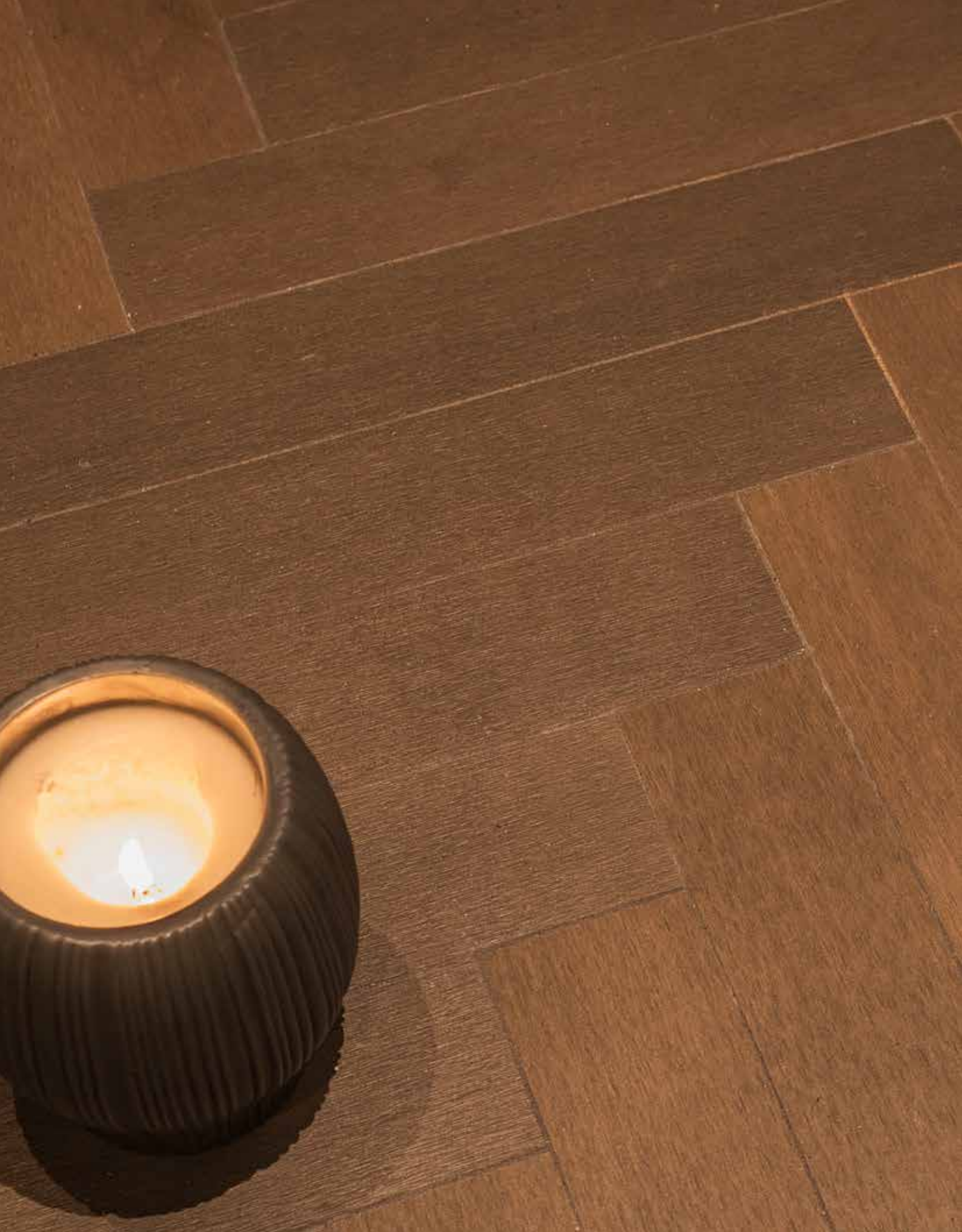
INTELLIGENTWOOD

made of Resysta®

- **Tremendous variety of form and design**
- **also suitable for damp and wet areas**

Impressive **DESIGN FLOOR**





Classic flood designs for the interior



## **FLOOR DESIGNS FROM INTELLIGENT WOOD – CLASSIC ELEMENTS**

With the classic and fishbone design floors of INTELLIGENT WOOD, many popular and favourite floor designs from old and new construction can be implemented. Even designs that used to be known for their stone and ceramic floors can be realised with the classic design floor – except that they are pleasantly warm and don't splinter or crack.



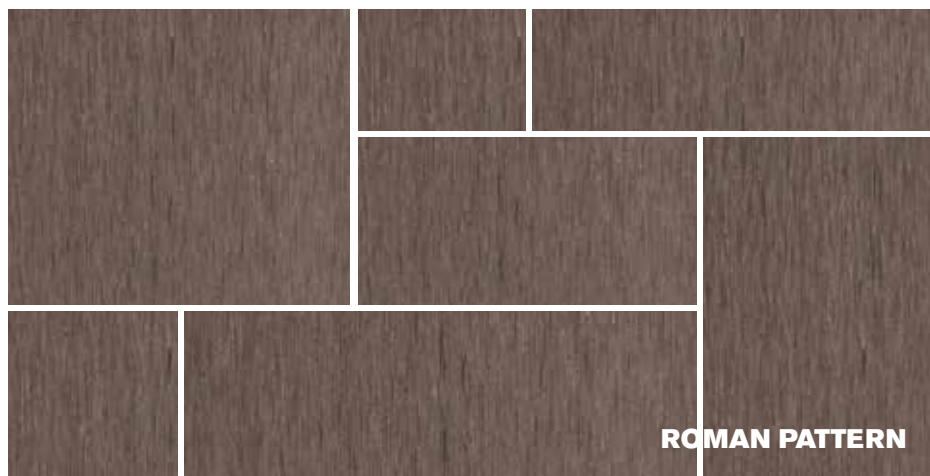


Floor designs beyond the standard



## **FLOOR DESIGNS FROM INTELLIGENT WOOD – AVANT-GARDE ELEMENTS**

The design floors Hexagon and Mosaic by Intelligent WOOD stand out distinctly from the usual standard. For interior areas, this results in many new design options for clients and architects. Floors from INTELLIGENT WOOD are 100% water-resistant and can therefore be used without any problems in damp and wet areas. As a result, floors with a wood appearance can be created in bathrooms or even showers.





Fascinat





INTELLIGENT**WOOD**

made of Resysta®

- **100% water resistant**
- **pleasant touch**
- **perfectly suited for damp and wet rooms**
- **Tremendous variety of form and design**



ing baths with a **WOOD APPEARANCE**



Waterproof coverings for floor and walls



## WARMTH AND WELL-BEING FOR YOUR BATH

Rooms with lots of wood usually emit a very pleasant warmth. However, when moisture and wetness are added, problems can quickly arise. INTELLIGENT WOOD products made of Resysta combine the look and feel of wood with 100% water resistance. This gives bathrooms and wet rooms, for example, completely new possibilities. Floors and wall panels with

a wood appearance are possible in a variety of forms: even the lining of a shower is not a problem. And even a laundry room no longer needs to be an uncomfortably cool room with tile cladding. INTELLIGENT WOOD products made of Resysta bring warmth and comfort to your moist and wet rooms.









**iw**

**INTELLIGENTWOOD**

made of Resysta®

- **Large colour selection**
- **Finishes all Resysta products**
- **Permanently resistant to moisture and UV radiation**
- **Extremely low-maintenance**

Impressive **COLOUR DIVERSITY**





INTELLIGENT WOOD Colour Concept - naturally beautiful.

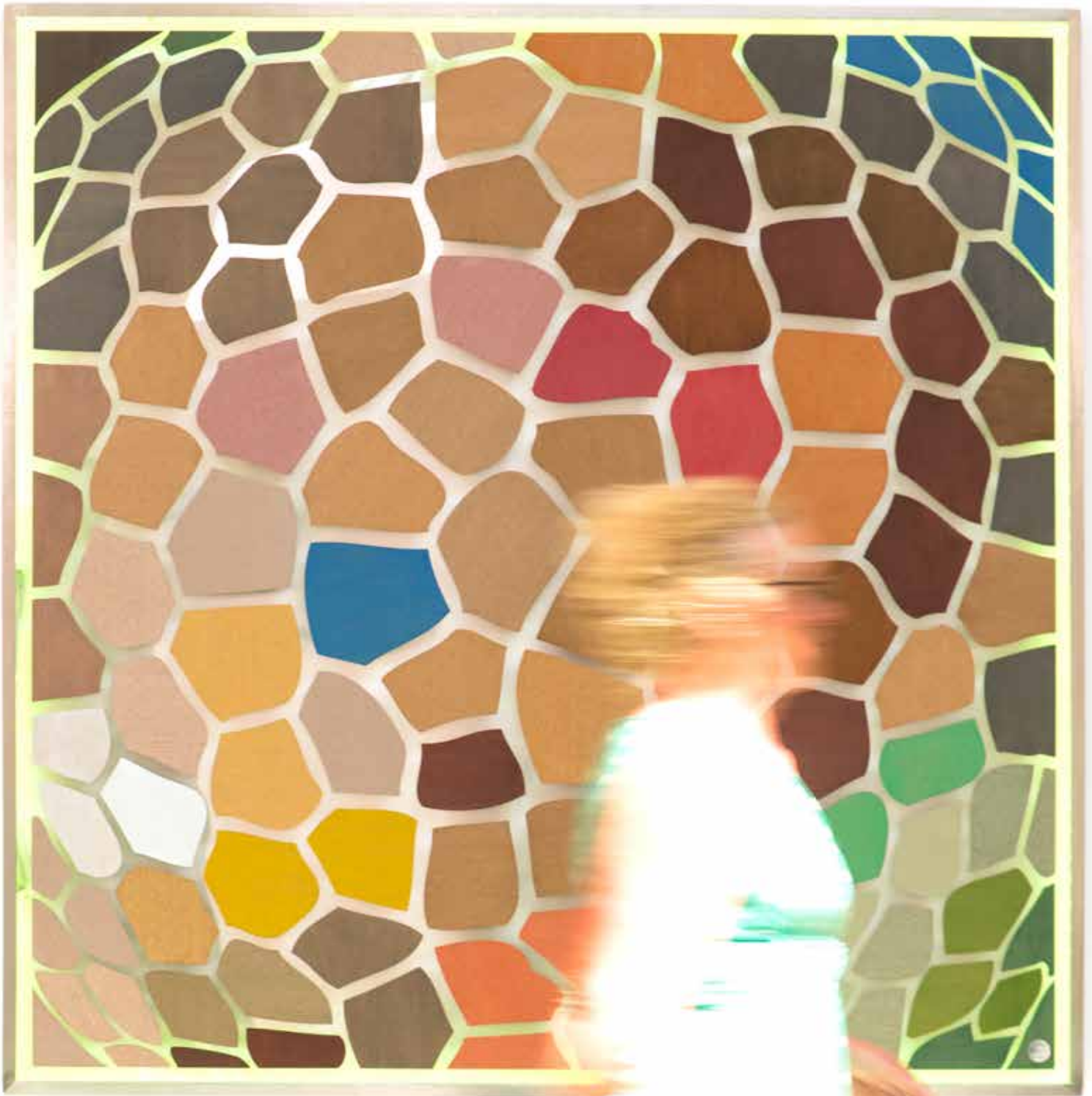




# EMOTION FOR YOUR BUILDING

Colours evoke emotions. Have courage to display your colours and delight your visitors with an emotional reception. INTELLIGENT WOOD offers over 30 different colours to give your façade or other INTELLIGENT WOOD elements made of Resysta an emotional touch. In addition, INTELLIGENT WOOD varnishes, lacquers and oils increase the resistance to water and UV. INTELLIGENT WOOD colours – an emotional upgrade for your products made of Resysta.





INTELLIGENT WOOD Color Concept



# INTELLIGENT WOOD

## ABSOLUTE FREEDOM IN COLOUR DESIGN

There is only one Ferrari red, a specific Starbucks green, and a particular Facebook blue. These colours are precisely defined and should be exactly the same world-wide. For this purpose, colours have to be adapted individually depending on the substrate.

INTELLIGENT WOOD colours can be individually adjusted at a certain purchase quantity, so that your specifications, taste or simply your favourite colours are met 100%. This allows you to give your project a completely individual and unique touch.







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**INTELLIGENT WOOD**  
ONE BOARD – ENDLESS POSSIBILITIES

[www.resysta.de](http://www.resysta.de)