



**GERCONA**

Materials with a future

INNOVATIVE  
SUSTAINABLE  
UNIQUE





## Materials with a future

Since we - quite literally - first got in touch with Resysta, we have been enthusiastic about this wonderful material and until today we are still enthused about it. Resysta definitely is a sustainable material with future potential. Particularly convincing by its vast range of possible applications, its flexible handling and the excellent environmental balance.

We at GERCONA are proud being able to market Resysta and making it even more popular. Every day, we do our best to develop customized solutions for our customers and convince you of Resysta. We are looking forward to your next project - feel free to talk to us.

You can't RESYST it!

Sincerely, talk to you soon,  
Gerhard Königseder  
and the entire GERCONA-TEAM.



# RESYSTA



## One material – endless possibilities

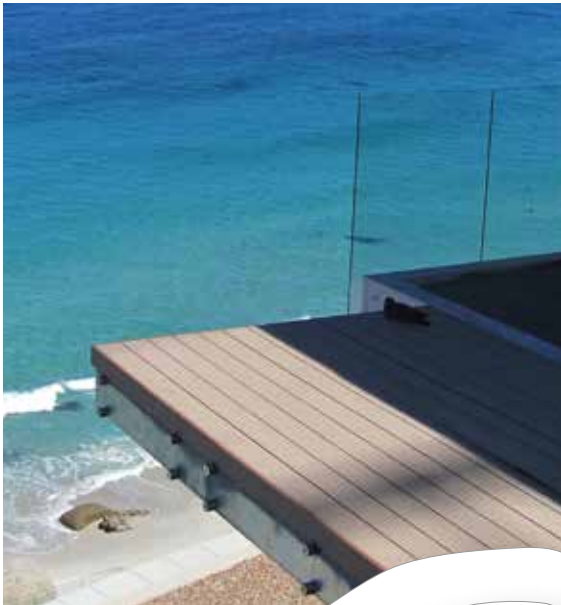
**Water-resistant, sustainable and barely distinguishable from tropical wood - these material properties provide a wide range of possibilities.**

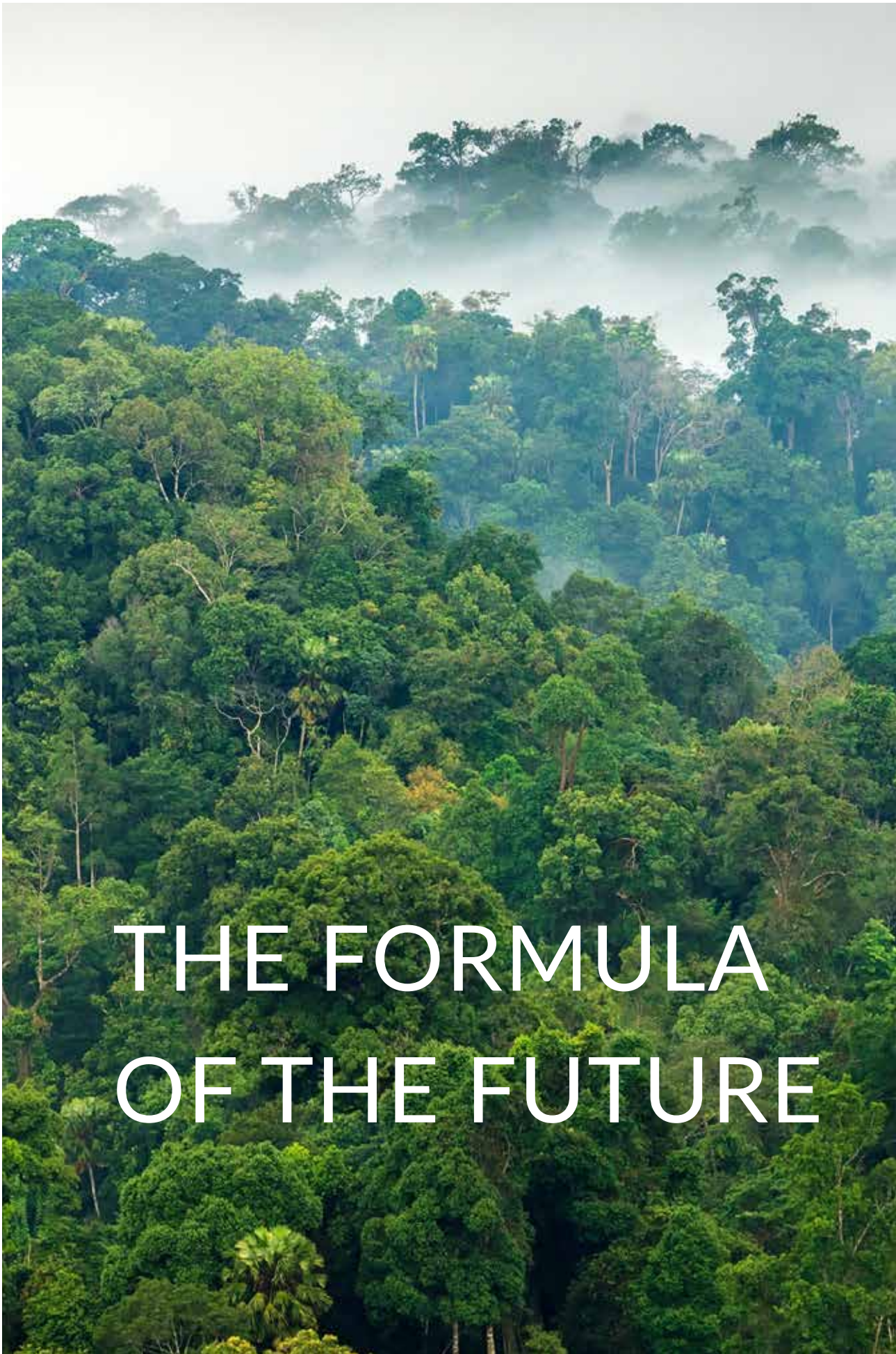
Whether flooring, facades or outdoor furniture: Resysta can be used in a wide scope of application. The fiber-reinforced hybrid material is not only demanding when it comes to its appearance, it is also completely water-resistant making it perfectly applicable in outdoor areas.



**Our material is extremely durable and sustainable at the same time.**

Its composition of rice husks, rock salt and mineral oil makes Resysta environmentally friendly and extremely resistant to environmental conditions such as sun, rain, snow or saltwater.





THE FORMULA  
OF THE FUTURE



## **RICE HUSKS INSTEAD OF TROPICAL WOOD**

The tropical rain forests stretch across our planet like a green, living belt providing home to countless animal and plant species, many of which have not even been discovered until today. This “green lung” stores large amounts of carbon dioxide and is essential for maintaining the earth’s climate.

But saving the rain forest is easier said than done as long as the demand for tropical timber continues to grow. Our profiles made of Resysta can be an important contribution to protecting the rain forest. The innovative material is absolutely free of wood, so that not a single tree has to be felled.



INNOVATION

# Naturally sustainable



During the ripening process, grains of rice are carefully protected by their husks, which ward off intensive UV radiation and adverse weather conditions.

Rice husks thus provide an incredible performance. After harvesting, they are no longer needed and have to be disposed of at great expense. Resysta takes advantage of the valuable natural properties of rice husks.

The raw materials required for the production of Resysta are available regionally worldwide. This applies to the approx. 60% rice husks as well as to approx. 22% rock salt and approx. 18% mineral oil. Long transport routes are eliminated even before production. Industrial companies, involved in the production of the basic mixture, work according to precisely specified recipes that they have acquired by licenses and subsequently sell the raw material to the local industry, which manufactures local products for local markets.

We are inspired by nature every day. It is wonderful that a waste product can still be of considerable benefit - for you.



# Recycling Cycle

## FROM OLD TO NEW

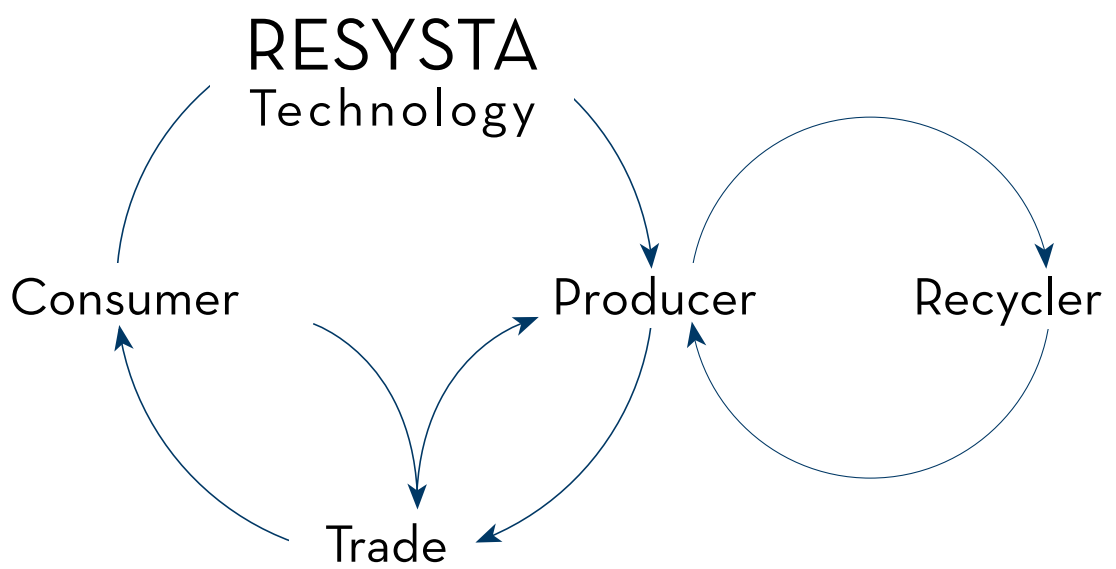
A decisive ecological advantage is the 100% recyclability of our profiles. Disposal and material recycling provide a closed recycling loop. This is how used profiles become valuable raw materials again and are reused in the production of new profiles without any decline in quality.

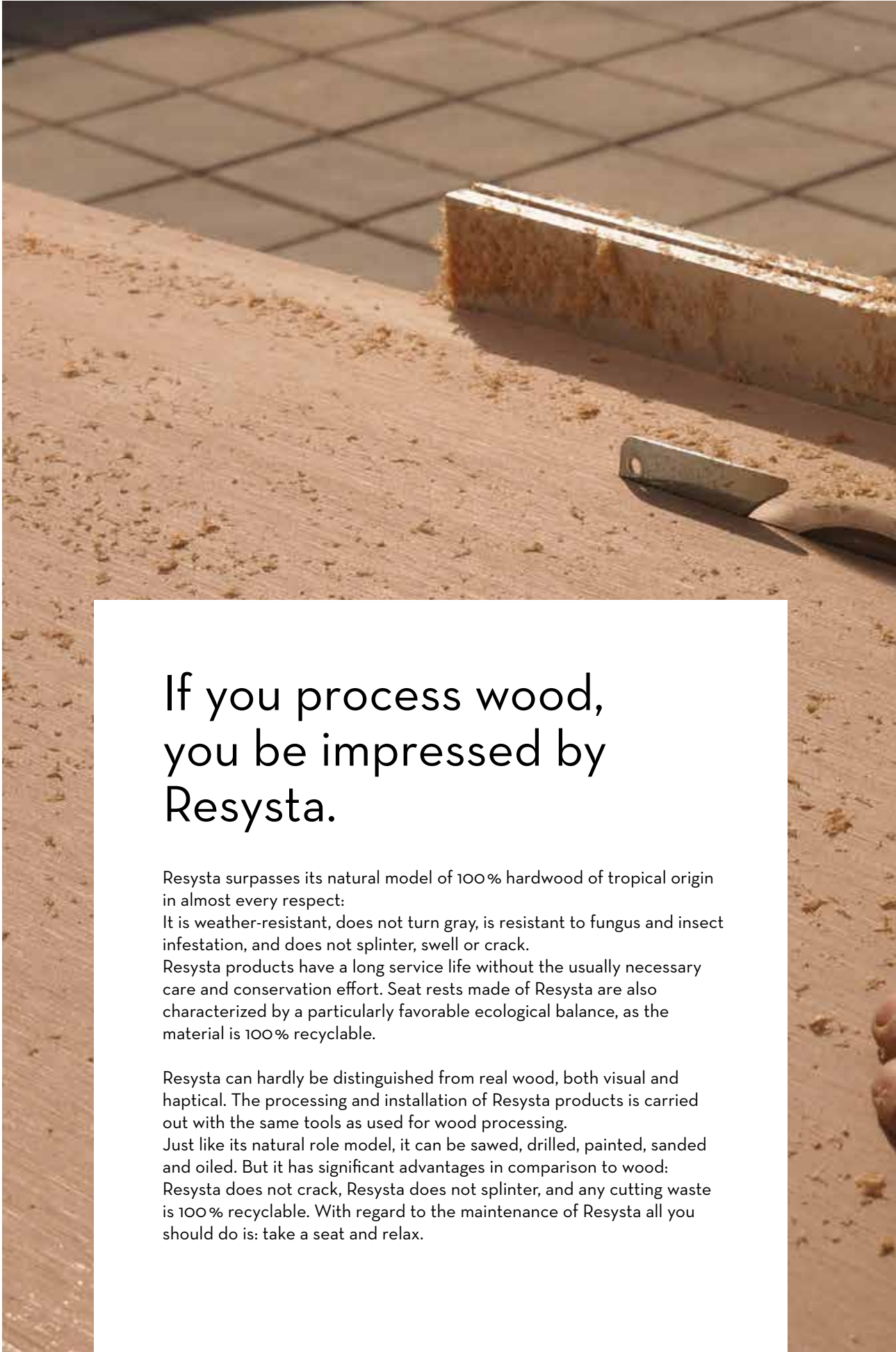
In cooperation with manufacturers of products made of Resysta a recycling consortium was established and a recycling cycle was brought to life. The companies involved, have committed themselves to recycle production waste, like offcuts and abrasive dust, as well as to take back oddments from the markets in order to reintroduce them to the product cycle.

Waste and oddments are shredded and returned to the production process. Despite the still young history of the material and its enormous durability, some producers are already conducting recycling and manufacture a part of their products from production residues and installation sections.

The recycling consortium is also supported by Vinylplus ([www.vinylplus.eu](http://www.vinylplus.eu)), a voluntary sustainability development program of the European PVC industry.







## If you process wood, you be impressed by Resysta.

Resysta surpasses its natural model of 100% hardwood of tropical origin in almost every respect:

It is weather-resistant, does not turn gray, is resistant to fungus and insect infestation, and does not splinter, swell or crack.

Resysta products have a long service life without the usually necessary care and conservation effort. Seat rests made of Resysta are also characterized by a particularly favorable ecological balance, as the material is 100% recyclable.

Resysta can hardly be distinguished from real wood, both visual and haptical. The processing and installation of Resysta products is carried out with the same tools as used for wood processing.

Just like its natural role model, it can be sawed, drilled, painted, sanded and oiled. But it has significant advantages in comparison to wood:

Resysta does not crack, Resysta does not splinter, and any cutting waste is 100% recyclable. With regard to the maintenance of Resysta all you should do is: take a seat and relax.



100%  
NO WOOD,  
NO WPC,  
WATER-RESISTANT



## A good feeling with Resysta

**Resysta does not only look like wood - it also feels like it.**

Thanks to its special composition, the surface remains permanently free of cracks and splinters. Injuries caused by protruding wood splinters are a thing of the past. Even after many years, the material of the future provides a perfectly good feeling.

The highest quality standard, maximum service life and a wide range of colours: Resysta combines the reliable durability of the innovative material with high production reliability and an elegant look. The natural feel is just as impressive as the durability of Resysta products.



# SHAPELY AND D U R A B L E





UPB  
BOARDS

# The new UPB Board made of Resysta



**Looks like wood, feels like wood, can be processed with or without surface treatment like wood, but is far better.**

**UPB boards made of Resysta are 100 % water-resistant and extremely resistant to all types of weather conditions. Simply mill, saw, grind, screw and glue with recommended adhesive. The edges can be easily sanded after machining and do not require any edging.**

UPB boards made of Resysta are supplied ex-factory with a textured surface and can be treated with coarse abrasive paper. Conventional

woodworking machines and tools are used for processing.

For colour design, the surface of the UPB boards can be coloured directly with a glaze especially developed for the Resysta material. We recommend our Resysta 2K protective lacquer to enhance mechanical and chemical resistance and protection against staining.

After treatment, a surface which is hardly distinguishable from wood is the convincing result. Alternatively, coloured oils especially matched for Resysta, are also available.

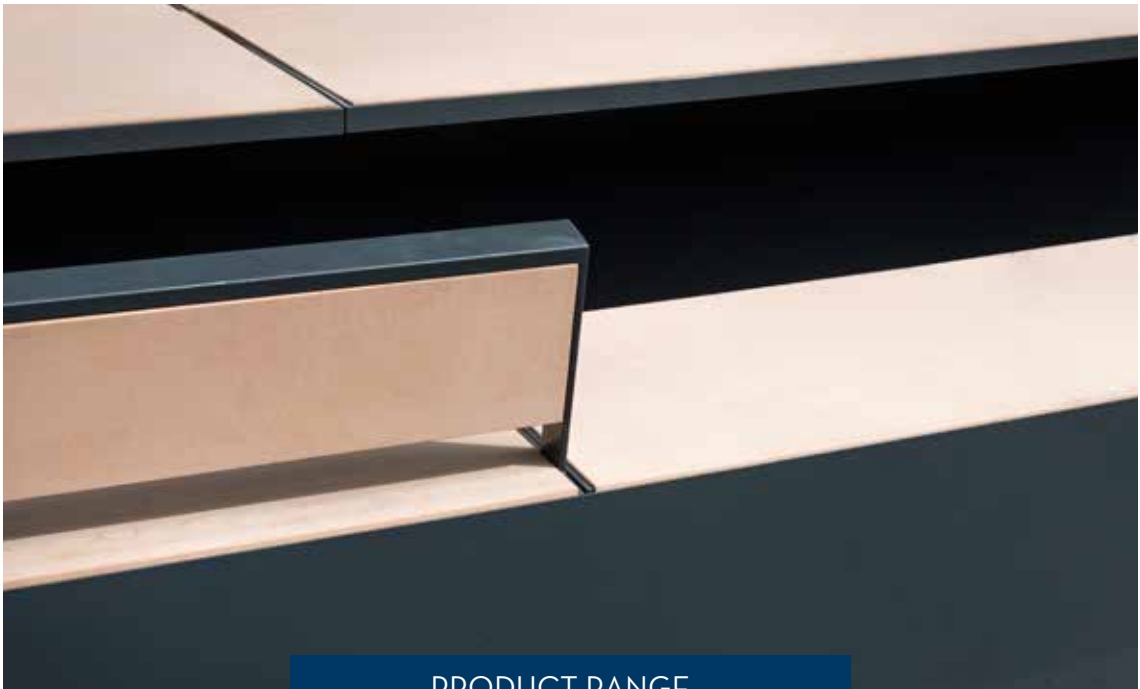


## ADVANTAGES

water- and weather-resistant  
resistant to UV radiation  
no swelling  
providing new possibilities,  
which were not conceivable with wood  
no rotting,  
can be placed directly in the ground  
thermally formable,  
also three-dimensional  
resistant to wood-destroying fungi  
and termites  
smooth surface - no crack-formation

no splintering  
resistant to saltwater  
and chlorine water  
large board dimension  
easy handling  
individual surface design  
with Resysta paints,  
varnishes and oils  
100 % recyclable,  
100 % no wood

# UPB BOARDS



## PRODUCT RANGE



UPB Platte made of Resysta  
**5011154, sanded on both sides,**  
density  $650 \text{ kg / m}^3$  (+/-  $30 \text{ kg / m}^3$ )  
2440 x 1220 mm, thickness 8 mm



UPB Platte made of Resysta  
**5011155, sanded on both sides,**  
density  $650 \text{ kg / m}^3$  (+/-  $30 \text{ kg / m}^3$ )  
2440 x 1220 mm, thickness 12 mm



UPB Platte made of Resysta  
**5011156, sanded on both sides,**  
density  $650 \text{ kg / m}^3$  (+/-  $30 \text{ kg / m}^3$ )  
2440 x 1220 mm, thickness 16 mm



UPB Platte made of Resysta  
**5011157, sanded on both sides,**  
density  $650 \text{ kg / m}^3$  (+/-  $30 \text{ kg / m}^3$ )  
2440 x 1220 mm, thickness 20 mm



reddot award 2017  
winner



## VERSATILELY APPLICABLE

e. g. in bridge construction, for traffic signs or outdoor seating furniture





DECKING

# The long-term decking solution for terrace and pool areas:

Extremely low-maintenance, non-slip and weather-resistant – Resysta keeps its promises. An investment in the future that guarantees joy and durability at the same time.

Especially in heavy-strain areas such as pools, Resysta does an impressive job. You will be enthusiastic.



## ADVANTAGES

- water-resistant
- resistant to saltwater and chlorine water
- resistant to UV radiation
- splinter-proof and barefoot-friendly
- slip resistant
- weather-resistant
- resistant to insect and fungal attack
- versatile scopes for design
- easy-care
- sustainable and recyclable

# DECKING



## PRODUCT RANGE



Decking  
**DKG 12522 sanded**, with groove  
also available in flame retardant  
125 x 22 mm



Decking  
**DKG 12522 ribbed**, with groove  
also available in flame retardant  
125 x 22 mm



Decking  
**DKG 14020 sanded**, with groove  
140 x 20 mm



Decking  
**DKG 14020 ribbed**, with groove  
140 x 20 mm



Decking  
**solid (pool board) DKG-S 14020,**  
**sanded**, with groove  
140 x 20 mm



Decking  
**solid (pool board) DKG-S 14020**  
**ribbed**, with groove  
140 x 20 mm



Decking  
**DKG 20020 sanded**, with groove  
200 x 20 mm



Decking  
**DKG 20020 ribbed**, with groove  
200 x 20 mm



Runner  
**RUH 7038**  
70 x 38 mm



Aluminum substructure  
**Base rail AUC**  
 34 x 34 mm



Connecting angle 90°  
**ACA 90**



Connector 180°  
**ACA 180**



Connector vario  
**ACU**



Support rail concrete weights an  
 cross bracing  
**ABR 350**  
 Spacing 350 mm



Lift  
**ALI**  
 heigt-adjustable 6 mm - 35 mm



Pad rubber pellets  
**ARU**  
 Diameter 65 mm



Decking Clip  
**DC 25**



Start clip  
**DC 25 ST**



## Form meets function

Give your property an awesome, durable design. Elegant and distinct, Resysta meets the highest demands in terms of colour design. The advantages here are obvious: whether in driving rain or exposed to increased UV radiation - the high material density makes our facade systems so resistant. The perfect union of design and function.



# FACADES



## ADVANTAGES

different facade systems for individual design  
and easy installation

water- and weather-resistant

resistant to UV radiation

colour-fast:

no time-consuming repairs, sanding and painting,  
no graying or flaking of the surface

dimensionally stable

no crack formation

durability class 1 against fungal attack

sustainable and recyclable

# FACADES



Hollow profile  
**FPH 7518**  
also available in flame retardant  
75 x 18 mm



Hollow profile  
**FPH 7020**  
70 x 20 mm



Hollow profile rhombus  
**FPHR 10520**  
105 x 20 mm



Hollow profile  
**FPH 13020**  
also available in flame retardant  
130 x 20 mm



Hollow profile  
**FPH 14020**  
140 x 20 mm



Hollow profile  
**FPH 20020**  
also available in flame retardant  
200 x 20 mm



Angle profile  
**ANP 4040**  
40 x 40 mm



Facade fastening clip  
**FCS 11517 / 14517**  
115/145 x 17 mm





## Strong in all kinds of weather

The combination of innovative material properties and classic wood design ensures a modern and long-lasting look.

The particularly solid profile strips lastingly withstand even extreme temperature conditions and environmental influences, are resistant to fungal attack and can even be built directly into the ground. The surface of Resysta retains its original color for a long time, even without care.

**Resysta solid profile strips provide all options for the design of outdoor seating and table surfaces.**





# SOLID PROFILE STRIPS



## ADVANTAGES

sustainable materials, perfectly suited for facilities in urban and municipal public areas

weather resistant, UV resistant, no graying, no rotting

diverse design options, variety of colors, various profiles

color-fast and surface-durability, no crack-formation,  
no time-consuming repairs, grinding & painting,  
no flaking of the surface

easy care and long lasting

durability class 1 against fungal attack

easy installation

sustainable and recyclable

# SOLID PROFILE STRIPS



## PRODUCT RANGE



Solid Profile Strip  
**FPS 2929**, 4 sides sanded  
29 x 29 mm



Solid Profile Strip  
**FPS 6019**, 4 sides sanded  
60 x 19 mm



Solid Profile Strip  
**FPS 7020**, 4 sides sanded  
70 x 20 mm



Solid Profile Strip  
**FPS 12919**, 4 sides sanded  
129 x 19 mm



Solid Profile Strip  
**FPS 20011**, 4 sides sanded  
200 x 11 mm



Solid Profile Strip  
**FPS 20019**, 4 sides sanded  
200 x 19 mm

Also available in flame retardant (except FPS 7020)







RESYSTA

COLOUR

CONCEPT



## UNLIMITED COLOUR DESIGN

The untreated Resysta material features a beautifully warm, natural colouring. The additional application of coloured glaze provides numerous surface design options.

# One material - endless possibilities



From teak-brown to violet - the Resysta Colour Concept allows you to treat boards and profiles with natural glazes or opaque colours. The colour chart includes carefully selected shades. Even special requests can be met - definitely also in your favorite colour.

The special feature is again based on the extraordinary material. Owing to the fact, that Resysta does not absorb water, flaking of the colour will not occur. Due to solar irradiation (UV exposure), the applied colour becomes even more intense in the long term. In addition, Resysta can be sealed with a special protective lacquer.



# GERCONA

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## **SHOWROOM**

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personal consultation with appointment

Photos: resysta.com, rivierapool.com,  
gartenmetall.de, fiberplast.nl

Design: Werbeagentur Hauer-Heinrich

[WWW.GERCONA.COM](http://WWW.GERCONA.COM)