

alfer[®]

Resysta[®]
THE BETTER WOOD

Decking boards and click tiles



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Our esteemed customers,

Build your patio very easily. Your feel good place in warm wood finish in your favourite colour.

And the best part: With our profiles, you are actively protecting the rainforest.

Resysta® – the better wood – outperforms its natural model, tropical wood, in nearly every respect. The unique combination of rice husks and polymer makes it possible. It is weatherproof, resistant to fungus and insects, splintering, swelling and does not crack. At the same time Resysta® requires minimal maintenance and is slip-resistant and versatile in colour and shape.

Because of all these properties Resysta® floor boards and click tiles are ideal for all areas exposed to weathering and moisture. Environmentally friendly Resysta® oils, which are available in different shades, provide additional protection and care for Resysta® floor boards.

The green innovation



The tropical rainforests stretch across our planet like a green, vibrant girdle. Countless animal and plant species are located in these forests, many of them still undiscovered to date. These "green lungs" store large amounts of carbon dioxide and are essential for the preservation of the Earth's climate. But saving the rainforest is easier said than done, so long as the demand for tropical timber continues to rise. Rainforest the size of 35 football fields is cleared every minute. By using Resysta® everyone can make an important contribution to the protection of the rainforest. Resysta® is absolutely free of wood, so that not a single tree needs to be felled. Moreover, the material can be 100% recycled. Resysta® material already meets the technical and environmental requirements of tomorrow.



One material, countless possibilities

Resysta® is extremely durable and at the same time sustainable. This opens up completely new applications. The fibre-reinforced hybrid material contains about 60% rice husk, about 22% rock salt and about 18% mineral oil. This composition makes it on the one hand environmentally friendly, and on the other extremely resistant to external influences such as sun, rain, snow or salt water. Thereby it is easy to clean and visually has the feel and appearance of genuine tropical wood. In future Resysta® will be used wherever weather-resistant materials with a wood finish are asked for. You will be amazed.



Used materials

Approx. 60% rise husk + approx. 22% rock salt + approx. 18% mineral oil

Product features

- UV-resistant
- Weatherproof
- Waterproof
- Resistant to salt water and chlorine water
- No cracking
- No insect and fungal attacks
- No rotting
- 100% recyclable

Surfaces and composition

- Feel and appearance of wood
- Slip-resistant
- No splintering
- Individual colour design

More than 100 million tons of rice husks are produced worldwide each year:



Rice husk – the key to success

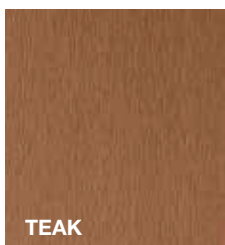
- Main component of Resysta® is rice husk
- Rice husk contains a high percentage of silicates
- Rice husk is an automatic by-product in rice production

The unique material properties are created by the combination of natural fibre and polymer.

UV-resistant

UV radiation does not destroy Resysta. Unlike real wood or WPC profiles the surface does not lose colour under UV exposure. In the untreated state it gets slightly brighter with time. Thanks to our oil paints, you can brush up surfaces again and obtain an optimal shade.

Come rain or shine, summer or winter – Resysta® provides groomed surfaces any time



Unlike wood Resysta® need not be brushed in order to obtain the material properties. Only the surface changes over time due to different weather and mechanical loads. When the oiled surface loses intensity, a simple treatment with our transparent maintenance oil (RTCO) or the post-treatment with our colour oil (RTO) is sufficient. Untreated surfaces can also be subsequently coloured with RTO. In no time the surfaces regain the desired freshness and colour. See page 14 for detailed recommendations for the care, cleaning and colour.



Minimal maintenance with maximum comfort

Resysta® is sophisticated in terms of its visual appeal. For this, all the more undemanding in care. And even pests and fungi have no chance with Resysta® due to its composition.

A good feel with Resysta®

Resysta® not only looks like wood but it also feels like it. With a special technique, the surface of the Resysta® is modelled on the feel of tropical wood. Resysta® conveys not only a pleasant feel while touching, it also surpasses tropical wood even in this respect. Thanks to its special composition, cracks and splinters cannot arise. Injuries caused by protruding wood splinters are a thing of the past. Thus, the material of the future provides a good feel even after years.

15 YEARS
GUARANTEE

- no swelling
- no cracking
- no splintering
- no rotting

alfer®

Techniques and features

Anyone who works with wood will be delighted with Resysta®, because like its natural model it can be sawn, drilled, screwed, sanded, glued and oiled.



Decking boards



Processing

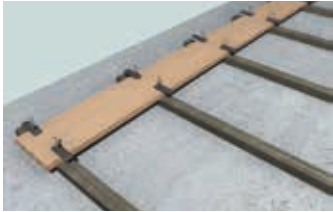
- Simple installation
- Basic woodworking tools
- Easily repaired

Our decking boards withstand all kinds of weather. Install your Resysta® floor on the patio, the pool, the sandpit or near your barbecue. Resysta® is remarkable everywhere. The boards can also be treated with colour or care oil before as well as after installation. You provide a level base and things can start rolling: Start by fixing the substructure. The profiles have to be fixed in the ground and the clear distance from profile to profile must not exceed 33 cm. Next the boards are provided with the appropriate board connectors. The clips are then screwed alternately to the substructure. The bare clips are then pushed under the preceding board. In this way a patio is quickly created according to your specific needs. The patio ends are covered with end profiles. For precise installation instructions, see the board connector packaging and the Internet.

Delivery programme



Decking boards 42001
(W×H×L) 140×20×2400 mm



Substructure 42002
(W×H×L) 70×38×2400 mm



End profile 42003
(W×H×L) 70×20×2400 mm



Board connector and
screws 42004



Click tiles

Easily and quickly installed

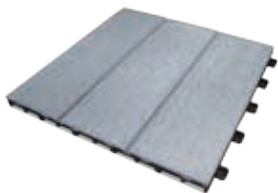
The Resysta® click tiles can be used in indoor and outdoor areas on a level base. Some clearance between the tiles is necessary to allow an easy installation. Precise installation instructions can be found in the click tiles packaging.

The click tiles are already oiled. Our specially designed and proven Resysta® Top Oil (RTO) provides the material the natural look of tropical wood and effectively protects the surface from dirt. The available colours can be found in the delivery programme on page 15. If necessary, you can freshen the colour tone again easily by the application of Resysta® Top Care Oil (RTCO).

There are two installation methods: parallel and offset.



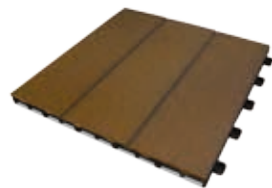
Delivery programme



Floor tile grey oiled 42005
(LxWxH) 300/300/20 mm



Floor tile teak oiled 42006
(LxWxH) 300/300/20 mm



Floor tile oak oiled 42007
(LxWxH) 300/300/20 mm



Care, colour and cleaning

Resysta® basically has a nice warm natural shade.

Grey, teak or oak colours – with the Resysta® colours you have the opportunity to treat your floor board with natural oils.

Resysta® Top Care Oil (RTCO) transparent

- For the renovation and care of oiled Resysta® surfaces
- Forms a protective film
- Extremely easy application
- Refresh in just one operation
- in case of fading or partial abrasion

RTCO nourishes the Resysta® surfaces and once again gives the surface more saturation, new shine and freshness just in a single operation.

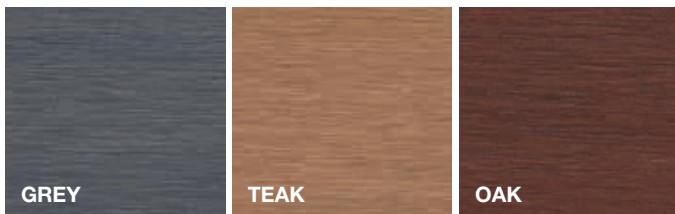
With slight fading, becoming dull or with partial abrasion of the original oil film, RTCO dispenses with a completely new treatment of the surface.

Application

- Before treatment with RTCO first dust the surface with a dry or slightly damp, lint-free cloth. Leave the surface to dry prior to application.
- Shake the oil well before use. Apply RTCO uniformly on the entire surface with a brush, sponge or a soft cloth. Let the oil take effect. After about 30 minutes completely wipe off excess oil (with a soft cloth) and then allow it to dry for at least 6 hours. As far as possible protect against rain and moisture for 24 hours.
- The respective colour shade is highly dependent on the applied quantity and the preparation of the material to be coated.

One oil bottle (500 ml) is sufficient for the after-treatment of about 10–15 m². Surfaces treated with Resysta® Top Oil (RTO) can be refreshed with RTCO. However, if the pigment of the RTO has worn out, the surface must be sanded previously (grain size 80-100) and be redone.

Resysta® Top Oil is available in three colours



- Ready to use oil for oiled and untreated Resysta® surfaces.
For colouring and after treatment
- Care oil for refreshing and maintenance

(Before processing pay attention to the processing instructions:
For cleaning and care, see more information at resysta.alfer.com)



Delivery programme

Care oil 0.50l transparent 42011

Colour oil 0.50l grey 42008

Colour oil 0.50l teak 42009

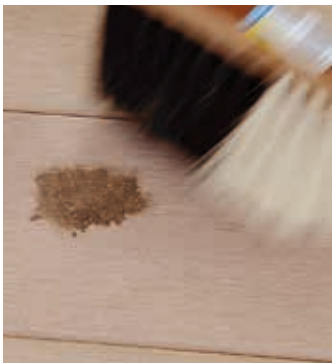
Colour oil 0.50l oak 42010



Cleaning

Standard care for untreated Resysta® surfaces: uncoloured, unpainted

- Remove the stain as soon as possible so that it does not penetrate.
- Remove dirt residues.
- Clean with hot water and a brush.
Rinse thoroughly.
If necessary, repeat the whole procedure several times.
- Remove more stubborn dirt with sandpaper (grain 80-100) and remove sanding dust.
- Apply oil again for coloured oiled surfaces with RTO/colour shade.



Frequently asked questions

Guarantee / Product performance

What does the Resysta® guarantee mean?

The guarantee concerns the material quality:
15 years no swelling, no cracking, no splintering, no rotting.

What is the guarantee applicable for?

The guarantee is applicable to the extruded profile.
To obtain reliable results, it is important to pay close attention to the installation instructions.

How durable is Resysta®?

Resysta® lasts virtually for an unlimited period of time. The material is absolutely weatherproof and lasts for several decades.
Resysta® is furthermore resistant to soft rot fungi, fungal decay and termites.

How does Resysta® obtain the look and feel of wood?

Resysta® profiles are ground after production and then only obtain the unique look and feel. This is attributed to the special formulation and the high proportion of rice husk.

Working with Resysta®

Resysta® is easy to work with using basic woodworking tools.

Frequently asked questions

Timbering

How do I build in Resysta®?

For every Resysta® application there are special assembly instructions, in which the installation is described in detail. Before assembly, please observe the relevant installation instructions. These are included in the product package and can also be downloaded from our website.

Which base is useful?

For every Resysta® application there are special assembly instructions, in which the installation method is described in detail. For both the decking boards as well as the click tiles, pay attention to a solid, level base. The substructure of the decking boards must be fixed to the base.

Should Resysta® be installed by a specialist?

With minimal technical skills you can also install Resysta® paying attention to our installation instructions.

Note:

For more tips and information, visit our website resysta.alfer.com

Notes – technical diagrams

Dimensions

The dimensions indicated in this brochure are approximate values and may deviate slightly in either direction.

Product versions

We reserve the right to make modifications in the interest of technical progress and product improvement.

Warranty

As this is an abridged brochure, no liability can be accepted for either individual cases or the reproduction of the models shown.

Colours

The colours depicted may vary slightly from the original products.

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alferoxal ®	(B) (D) (F) (I) (L) (NL) (A) (P) (CH)
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clipstech ®	(EU) (MEX)
combitech ®	(EU) (CH) (MEX)
cabelino ®	(EU) (CH)
logika ®	(EU)
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alfer® hardware range



combitech® system · basis

System profiles · accessory profiles, standard parts · metric threaded rods, threaded tubes · system accessories · tool range

combitech® system · connect 23.5 mm

System profiles 23.5 mm · connect connectors 90°, 45° connect-hinge and flange connectors · system accessories

combitech® system · model construction

System profiles 7.5 mm · 150°, 90° and 45° connect connectors · connect-bearing, hinge and flange connectors · end caps, end blocks · accessories
logika® profiles · metric threaded rods · expanded metal, smooth, embossed and perforated sheets

combitech® system · sheets, plates and accessories

Plastic panels · smooth, embossed, perforated and expanded sheets · Prismatech · Multitube · checker plate profiles · accessories

Profiles for DIY and professional purposes

Standard profiles made from aluminium, brass, plastic, steel, stainless steel · standard construction profiles · furniture construction profiles



alfer® building material range



Tile edgings

Standard, round, quarter-circle and square tile edgings · tile edging system for steps · joint cover profiles and expansion joint profiles · wet sealing profiles **clipstech®** system profiles · mats and accessories

Floor and room profiles

Cover and joint cover profiles · edging, level balancing, round edging, flat, angle edging and end profiles · stair and step edging profiles · accessories

Parquet and laminate profiles

clipstech®, **clipstech®**-vario, **clipstech®**-plus, **clipstech®**-mini- and renovation System profiles and accessories · cover, level balancing, wall edging and edging profiles · standard profiles

Decking boards and click tiles

cabelino® cable duct baseboards

cabelino® support, baseboards, cable ducts and accessories, soft baseboards and buckling angles



alfer® classification system range



combitech® system · logika®

The logically perforated profile range: **logika®** profiles and **logika®** accessories

combitech® system · coaxis®

The coaxial system profiles: system profiles, accessories and tools · wall and ceiling hooks

Storage range

System rails and accessories · profile hooks, clothes hooks and utensils supports · bicycle stands · shelving brackets · overhead storage system and plant trolley



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