

MARINEDECK®

natural excellence and comfort


Oss

MARINEDECK®
exterior

High performance cork composite marine decking

Nature meets technology.... the ultimate team

Back in the early 80's we began research on alternatives for teak decks. Many different options were investigated, including many kinds of synthetic materials. Our focus was on something non-skid, easy to clean, with a long life cycle and very limited or no technical maintenance. As a matter of fact natural cork was our first choice from the beginning. Research confirmed we were on the right path.

Significant advantages over any other material

Suberose Parenchyma is the given name of the bark of the cork oak tree. Cork is highly homogenous and consists almost enti rely of cellular membrane through which no channels run. The cork ti ssue is formed from dead cells. Each cork cell consists of a minimal quanti ty of solid materials and a maximum of gaseous materials, essenti ally atmospheric air but also containing carbon dioxide. One cm3 contains about 40 million cells.
Cork granules are excellent thermal insulators and can reduce heat loss by 36% or lower temperatures by 53%. Cork is used in protective heat shields of space shuttles, one of the product's most exciting applications.

Building on nature's innovations

To utilize all of the advantages and properties of cork, a hybrid synthetic binder was developed, improved and adapted to environmental requirements. Our production facilities employ integrated and continuous quality controls, sophisticated high pressure machinery, NC sheet- and plank cutting machines, CAD deck designs and NC machinery to produce finished ships decks.



For our complete assortment www.marinedeck.nl

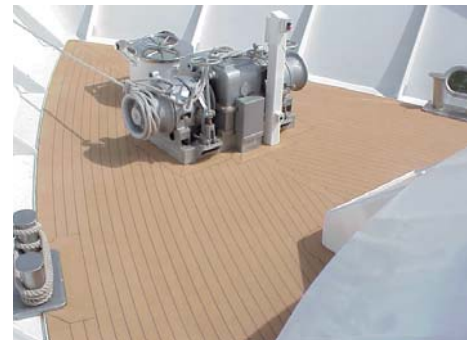


MARINEDECK®exterior proven on any surface for over 3 decades
Since the 1980s many yacht owners have chosen a MARINEDECK®exterior installation based upon recommendations of friends, on the results of independent tests or based upon our long lasting experience and the proven durability of our product.

The single off production of MARINEDECK®exterior PreFabs
- Short lead times
- Precise finish and fast installs
- Vessel can remain in the water
- Less time = less money
- Can be cleaned effortlessly

The 1 off production of PreFabricated marine decks more or less replaces the traditional way of installing decks on yachts and powerboats and offers a no risk concept for the boat builder or yacht owner. Templates representing the exact sizes and design instructions enable us to traditionally handcraft or CNC fabricate any deck and exactly on size. PreFab decks are entirely finished and ready for installation. Installation instructions are available from our web site.





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The premium alternative choice for ship decks

MARINEDECK® exterior finished PreFab decks

Based on any template or CAD outline drawing of the deck (parts) we are able to generate deck designs, either traditional or free styled. After approval of the design by the OEM the NC milling process starts. The milling process enables us to manufacture more or less unlimited deck sizes.

Unlimited deck sizes

The development of “jig sawing” MARINEDECK® exterior sheet allows unlimiteddeck sizes of the installation concept, either milled in one part or divided into a few deck parts for easy handling and installation.

The MARINEDECK® exterior PreFab concept offers substantial savings

The NC milling process provides:

- Substantial savings on labor, lead times.
- Quality improvement.
- Entirely finished and ready for direct installation.
- The PreFab concept also allows to apply 6 mm PreFabs in many cases, maintaining quality and many of the specific product features.



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Substantial labour savings in the yachts- and ship building industries

CAD and CAM unlimited deck design and machining

Just the outlines (outside sizes) of yacht- or ships decks or parts of decks in a digital format are sufficient enough to create any yacht or ship deck design. Based upon that information we will be able to design decks with a traditional look like teak decks, or any other style, including company or personal logo's in any format. The CAD and CAM software we are working with allows us to design and to NC machine in accordance to any customers demand.

Highest quality is our priority

Since the introduction of MARINEDECK® we proved that quality and reliability are our highest priorities and standards. We will not make any concession to that in the future. The quality proof is the ever increasing market share enjoyed by our MARINEDECK®. Having stood the test of time, our product is now trusted by owners and builders of sailing, motor and super yachts, cruise ships, ferries and roll on roll off ships. Yacht builders like ETAP and many others install MARINEDECK® as a standard instead of teakwood.

MARINEDECK® distinguishes

Lab tests, but above alle the all installations in practice prove:

- Savings on labor
- Reduction of production time
- Easy installation
- Durable and strong by highest quality level
- All climate resistant
- Environmentally friendly
- Does not stain and does not absorb
- UV- and seawater resistant
- Substantial sound- and temperature insulation
- Easy to clean
- No maintenance
- Light weight
- Remains cool, even in higher temperatures
- Watertight





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Natural added value

Super Yachts

The extreme high level comfort of the "soft touch" when walking or laying on MARINEDECK®exterior influenced many naval architects, captains and owners to choose this product. These properties are the result of the natural characteristics of the cork itself which is made up of millions of cells. When exposed to extreme high or low temperatures MARINEDECK®exterior remains comfortable.
A natural high tech combination provided by nature.

Cruise ships, rivers cruisers and ferries

A few years ago the Department of Marine Technology at the University of Delft in the Netherlands published an independent report listing many of the advantages of MARINEDECK®exterior. Since that report was published many naval architects and designers worldwide have been attracted to the use of MARINEDECK®exterior.
The extreme durability, attractive appearance and easy maintenance of this product have made it the choice for the high traffic areas aboard these vessels.





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Standard plank and sheet sizes

- Standard plank sizes 9 mm (1/3") thickness x 1880 mm (74") long
- Plank widths: 36 mm, 50 mm, 75 mm, 125 mm (1 ½", 2", 3" and 5")
- Standard sheet sizes 9 mm and 6 mm thickness x 1880 mm long (1/3" and ¼" thickness x 74"long).
- Sheet widths: 410 mm and 500 mm (16" and 20").

Cleaning

The only maintenance of MARINEDECK® exterior is more or less cleaning with a MARINEDECK® hand- or broomstick deck scrubber and 2 grades of sweeper pads. Using these products and the correct cleansing agents, any deck with MARINEDECK®exterior can be cleaned easily, effortlessly and quickly. For normal cleaning a white sweeper pad is available. For more stubborn dirt we have a blue sweeper pad available and for very stubborn marks we even have a brown sweeper pad available. Extended cleaning instructions are available from our website www.stazo.com





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FSC® certification

In 2008 our supplier of cork granules strengthened their commitment for responsible use of Cork by implementing the chain custody principles in accordance with Forest Stewardship Council® (FSC) standard. FSC is the global leading non-governmental organization promoting sustainable forest management.

Since August 2010 STAZO Marine Equipment BV has also been certified for the FSC Chain of custody standard for its MARINEDECK® exterior products. And onwards from this date a yearly audit has determined that all elements of this standard including: purchase, warehousing, the entire production process, incl. planks, sheet, Pre-Fabricated decks of MARINEDECK® exterior and the required documentation are compliant to the standard.

FSC
www.fsc.org
FSC® C100659
The mark of responsible forestry

MARINEDECK® exterior is the only FSC certified Cork product in the entire world for marine decks and a sustainable, natural alternative to teakwood and other products.

Guarantee

Guarantee on all MARINEDECK® exterior planks, strips, sheets or Pre-Fabricated decks is provided for a period of 5 years. Specific information is available from our website.





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