

# BLOKKWOOD

## The wood material of the future

| The wood treatment  
technology of the 21. Century

**Why is it the technology of the 21. Century:** waterproof – durable – light – strong – dimensionally stable – very pretty – resistant to insect pests – antibacterial – can be priced competitively



**BLOKKWOOD**

*modification technology*

# We have to think over everything we knew about the wood as building material

We have to think over what and how we can make of wood and where and how we can apply wood we wanted perhaps up-to-now, too, but we didn't dare to.

We have developed a gentle wood treatment procedure which takes only a few hours, where the result is that the cellulose in the wood will be modified and therefore some features of the wood will outstandingly improve without that the modified wood material would contain any poi-

sonous substance. **Applying the BLOKKWOOD treatment, a given wood material becomes in several aspects an improved variant of itself, in addition by a remarkable good price/value proportion.**



BLOKKWOOD



# Tomorrow's wood material to all your dreams about wood

## A) Coverage material

We produce a wood material to be able to become a significant participant all over the world in the market of out-, and indoor coverings by its outstanding esthetics, durability, water resistance, resistance to insect pests and finally based on its good price/value proportion.

## B) Structural wood

The same wood material based on the fact that it has besides its bigger durability, a lower weight, can be applied as structural wood to create a row of new opportunities. The wood materials treated with BLOKKWOOD technology based on their outstandingly advantageous quality features, are totally suitable to fill a remarkable market gap in the structural wood market.

## C) New application possibilities

The wood having treated by BLOKKWOOD process, because of its properties can be deployed also on such application fields, where it wasn't at all before, or wood was applied only on high risk.



# BLOKKWOOD

## The future of wood treatment

A wood material which is not only outstandingly durable and beautiful, but it is also devoid of all kind of poisonous substance.

NOT ONLY COMPLETELY SUITABLE FOR STRUCTURAL WOOD, BUT MEANWHILE IT IS LIGHTER, STRONGER, LESS TO BE WARPED, AND IT IS TO A GREAT EXTENT WATERPROOF.



An improved variant of itself

Traditional wood!



# BLO

01

### waterproof

It absorbs water only a little bit, and it casts it as well easily, without warping.



02

### more durable, dimensionally stable, from more point of view more loadable

To the contrary to traditional heat treating processes, the received timber is not only more durable, less warping, resp. lighter for its low water content, but besides these becomes also more load-bearing in some parameters of it.

03

### pest insect/termite resistant

The bark-beetles and mushrooms don't attack it because it doesn't offer appropriate nutrients either for bark-beetles, termites or similarly not for blight mushrooms.



04

### antibacterial

According to tests BLOKKWOOD timber is antibacterial and completely environmentally friendly. Bacteria hardly can reproduce themselves on its surface and such it is naturally antibacterial.



05

### it contains no toxic substance

According to toxicological tests there is no poisonous material in it. The treated material is 100% nature friendly, contains no chemicals.



06

### prettier, and viewing the price/value proportion it could be the best choice

The treatment improves significantly the esthetic value together with the quality of the timber. értékét is jelentősen javítja.



# Profit multiplying for wood industry companies applying the BLOKKWOOD technology

Applying the BLOKKWOOD process, features of timber with **lower prices also can be improved in many ways and so they can represent a value competing** with the most expensive products still at significantly lower prices. This way, **by introducing the technology simply and rapidly, the wood industrial companies can multiply their profit all over the world.**

## Outstanding opportunity for wood industrial companies and business firms

The BLOKKWOOD technology makes vastly more profitable the existing branches of wooden construction, coverings and production by making possible that the so far purchased raw wood, prepared timber and end products can possess of outstanding features already mentioned, at approximately 30-80% higher prices. **Respectively they can be, comparing them with products of similar features, significantly, by 15-25% cheaper.**

During market introduction respectively following a mindful product strategy, the product groups can be offered even at 30-50% under the prices of concurrent companies dealing on the market.

Meanwhile **BLOKKWOOD technology** can bring the biggest progress on base of until today in such form non-existing quality package (by bigger load-bearing, less weight and better endurance) **creating a brand-new and up-to-now unimaginable possibility** in the field of wood coverage, construction of wood, and product manufacturing.

What would you build of such a wood that is because of its lower water content light, in many ways stronger, water-, mushroom-, and insects resistant and therefore significantly more durable than its untreated counterpart? Many impossible becomes now possible. Many uneconomical will turn economical.



# Maintainable economy, nature friendly technology, 100% pollutant content free

## Green technology

As a result of the wooden treatment process the created timber, to the contrary of today's most applied processes, is **100% free of chemicals**. Neither the manufacture nor the end product is environment polluting.

## Resulting in a maintainable economy

To the contrary of exterminating tropical forests, By the BLOKKWOOD technology **local undertakers**, local forestries can produce high quality materials with maintainable, i.e. balanced by replanting forestry.

(the traditional wooden treatment processes happen by applying poisonous chemicals. Replacing these technologies is in more and more countries a national economic goal.)

Additionally, these wood materials are vastly more durable than their counterparts, they possess a significant, **even multiple longer life cycle**, and thus they will be replaced much later. At the end of the life cycle waste wood is generated, that can be easily destroyed, thus resulting in a maintainable management within the full cycle.



# Safis



[www.blokkwood.net](http://www.blokkwood.net)

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