



# REINAERDT

own engineering de-

partment **tailor**

**made**

**doors** distribution  
surface finish

**solutions**

export  
**green doors**  
production possibilities

**residential-  
construc-**

**tion** 46 dB glazed

frames **testing**  
panels handle profile

**utility** glazed

screens **doors** veneer

models **fire resis-**

**tance** locks

paumelles **installation**

**bullet resistance**

lock hinges WK2

**sound resis-**

**tance** measuring

60 minutes **tim-**

**ber** FSC flat doors glass cut

out **sustainable**

THE ENTRANCE TO UNLIMITED POSSIBILITIES

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## BAMBOO



## THE ENTRANCE TO SUSTAINABILITY



### SUSTAINABILITY

Sustainability and sustainable development is getting more important in society. The World Commission on Environment and Development (WCED) has written a report known as the Brundtland report in 1987. It states the following definition for sustainable development: Development that meets the needs of the present without compromising the ability of future generations to meet their own needs.

Partly resulting from that is our attention to the environment and the consequences are noticeable in the construction industry. Sustainable construction is stimulated.

### OUR DUTY

We at REINÆRDT Deuren bv feel it is our duty to consider the consequences for the generations after us.

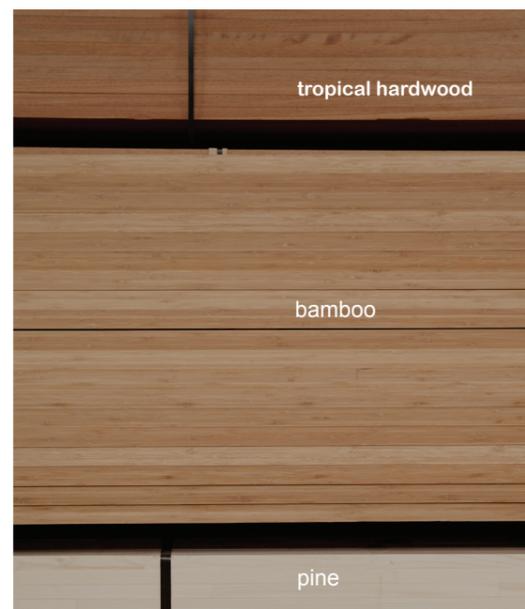
For years we have been using FSC/PEFC certified timber but we are now taking the next step. We are introducing bamboo.

### WHY BAMBOO

Following are a few aspects of bamboo that make it even more sustainable than certified timber.

Bamboo is one of the fastest growing GRASS SPECIES. The stems can be harvested after 5 years that, in combination with managed plantations, eliminates deforestation. Frequent harvesting increases the growing process of the bamboo forest and even increases the quality of the following harvest.

Soil erosion is stopped due to the extensive root system of the bamboo grass and the high CO2 absorption rate has a positive effect on global warming.



### FIRST AND ONLY

It has taken REINÆRDT Deuren bv many years of testing before we decided to bring it onto the market. Experience, fire resistance testing and pressure testing have given us knowledge on how bamboo behaves in our doors, have we been able to determine that the processing of bamboo is equivalent to hard wood and have we passed fire resistance testing with bamboo.

We also have experience in practise: Isala Clinics in Zwolle, the Netherlands; 5.000 doors with bamboo.

### PRODUCTS

We are proud to present:

## DOORS WITH BAMBOO

Instead of tropical hardwood.

If you would like more technical information or have any questions regarding bamboo doors, please do not hesitate to contact our staff.



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Bamboo doors in Isala Clinics, Zwolle

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 60 minutes **tim-**  
**ber** FSC flat doors glass cut  
 out **sustainable**  
**bamboo**  
 90 minutes  
 cubicles  
**burglar resistance**  
**green doors**  
 50dB  
 radiation resistance  
**test reports**  
 assembly frames **120**  
**minutes** 32 dB  
 smoke resistance  
**moisture resistance**  
 coating flush  
**30 minutes** PEFC  
 in-house doors concepts  
**sustainable**  
 37 dB casted  
 edges certificates  
**locks** wk3  
 glazed  
**sliding doors**  
 filling surface



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