



QUALITY  
TO THE POWER  
OF THREE.

**THE BOARD THAT REMAINS: The ASSIX DuroBOARD®**  
The best support for your production of concrete blocks and pavers.

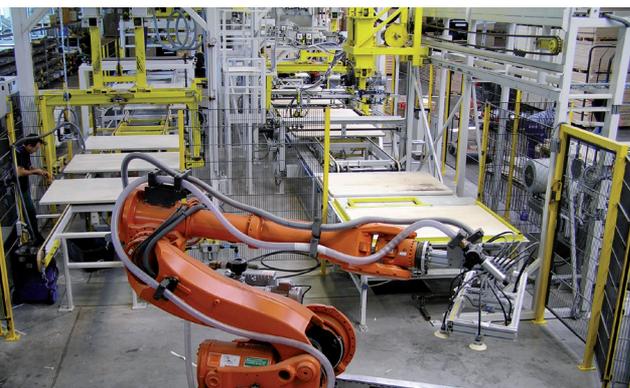
# ASSYX – Quality to the power of three. Leading in material, technique and service



## High quality materials

ASSYX sources its core of glued laminated timber and the polyurethane exclusively from leading companies in the market. Usually Kerto-Q from Metsäwood is used as wooden core. It is an approved construction timber (German abZ). The polyurethane cover is made up of Baydur®.

BAYDUR® is a registered trademark of Covestro Group



## High precision processing

The fully automatic ASSYX manufacturing plant of ASSYX is totally unique. Controlled processes and ultra-modern techniques guarantee efficiency and quality. The patented process for homogeneous coating with polyurethane ensures absolute dimensionally accuracy.

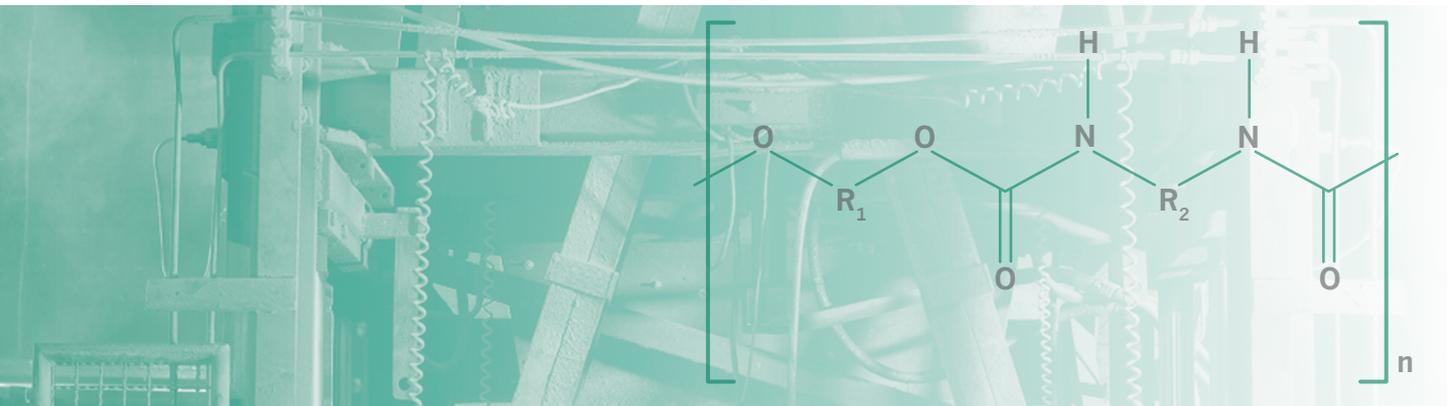


## High competent service

ASSYX is headed by engineers. They not only understand their own production, but also are experts regarding the using of production boards in the concrete block and pavers industry.

**ASSYX - The original.**

## Quality to the power of three



The ASSYX DuroBOARD® – Produced fully automatically, made only of the best materials with highest precision, board by board, delivered just in time, this is material quality, manufacture quality, supply- and service quality combined.

Quality to the power of three made by ASSYX!

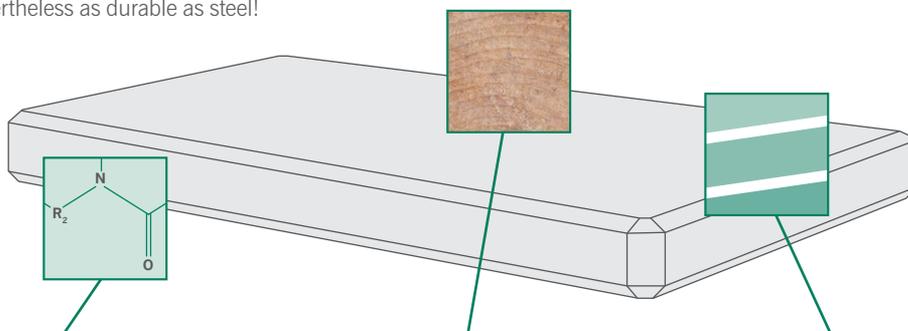
The ASSYX DuroBOARD® consists of a composite material that combines the perfect physical features of both wood and polyurethane, the most commonly used industrial plastic material in applications requiring abrasion resistance under static or dynamic load. And wood is one of the oldest construction materials, used for centuries in mines, roofs and even piling in Venice. Polyurethane is used in many day to day applications from mixer shovels to roller skate wheels and from transportation belts to skis and running shoes

The ASSYX DuroBOARD® stands for absolute sustainability. The wooden core of renewable raw materials is extremely durable thanks to it's polyurethane cover. This really saves the environment.

The ASSYX DuroBOARD® ...

An ingenious combination of two components: wood and polyurethane. Light as wood but nevertheless as durable as steel!

**ASSYX – The original.**



- The complete all-around polyurethane coating of the wooden core is both impact and wear resistant and gives guaranteed protection against external influences.
- The core of glued laminated timber gives the ASSYX DuroBOARD® high bending strength with an E-module  $\geq 10,000 \text{ N/mm}^2$ . Because the long wood fibres give a very stable construction – this guarantees excellent vibration transmission
- With it's 10 mm chamfer and bevelled edges, the ASSYX DuroBOARD® has an unmistakable design.



The principle of this development is the symbiosis of a dimensionally stable, bend-proof and torsion-resistant core of glued laminated timber and an extremely impact and wear resistant cover of polyurethane.

The ASSYX DuroBOARD® is:

- ✘ wear and impact resistant,
- ✘ weather-proof  
(can be stored outside),
- ✘ temperature resistant between  
-25°C and +90°C  
(ideal for curing chambers and  
vapour systems),
- ✘ waterproof  
(can be washed-off easily),
- ✘ chemical resistant  
(you can use both biodegrad-  
able or mineral oil release  
agents),
- ✘ rigid  
(E-Modul  $\geq 10.000 \text{ N/mm}^2$ ,  
similar to hard wood),

- ✘ high impact resistant  
(no cracks will appear),
- ✘ structurally stable  
(can be dropped),
- ✘ easy to handle  
(light as wood)  
  
and
- ✘ when fully coated it will never  
change its condition and  
continue to transmit constant  
vibration over the whole of the  
pallet area for many years to  
come (with shorter vibration  
time there is a reduced cycle  
time and energy costs)

Pallet protection plates are no longer required.

No more poor arises, cracking or uneven densities and strengths.

Many reasons to invest in ASSYX DuroBOARDs®. But the most important reason is the satisfaction our customers all over the world have experienced using our pallets for over 10 years.

The ASSYX DuroBOARDs® are available in most common sizes, i.e. widths: 800-1800 mm; lengths: 500-1400 mm; thicknesses: 30-60 mm.

Maximize your profit by using ASSYX DuroBOARDS®.  
Benefit by the durability and quality for a long troublefree operation.

- Using ASSYX DuroBOARD® increases your productivity up to 25%.
- Using ASSYX DuroBOARD® results in 100% blocks. Stone by stone.

This guarantees an optimum amortisation of the ASSYX DuroBOARD® investment.

Increase your productivity and improve the quality of your concrete building materials. Increase your range of products. Giving many years of constant and outstanding quality.

## Quality to the power of three – Reliable. Worthy. Just good.

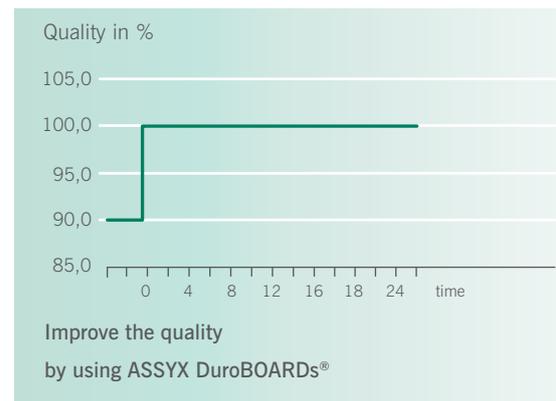
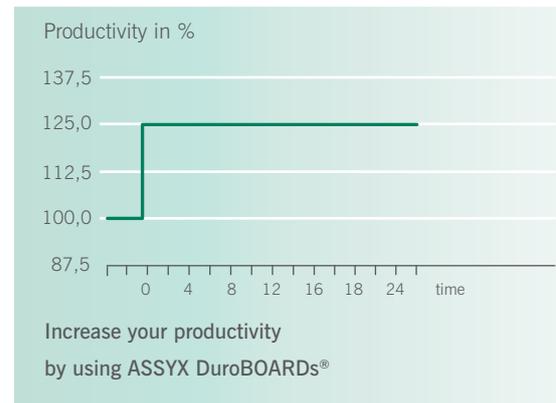
The ASSYX DuroBOARD® is a production pallet with the same life span as the block making machine.

ASSYX is a private independent company and from our plant in Andernach we deliver pallets all over the world. A network of sales agencies support us in this endeavour. This ensures qualified and competent assistance in dealing with our customers. Please give us the opportunity to convince you about our quality and prepare a quotation for your specific requirements.

We can also supply sample pallets for test purposes.

More information can be found on our website

www.  .com



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**ASSYX**  
ENGINEERED BOARDS