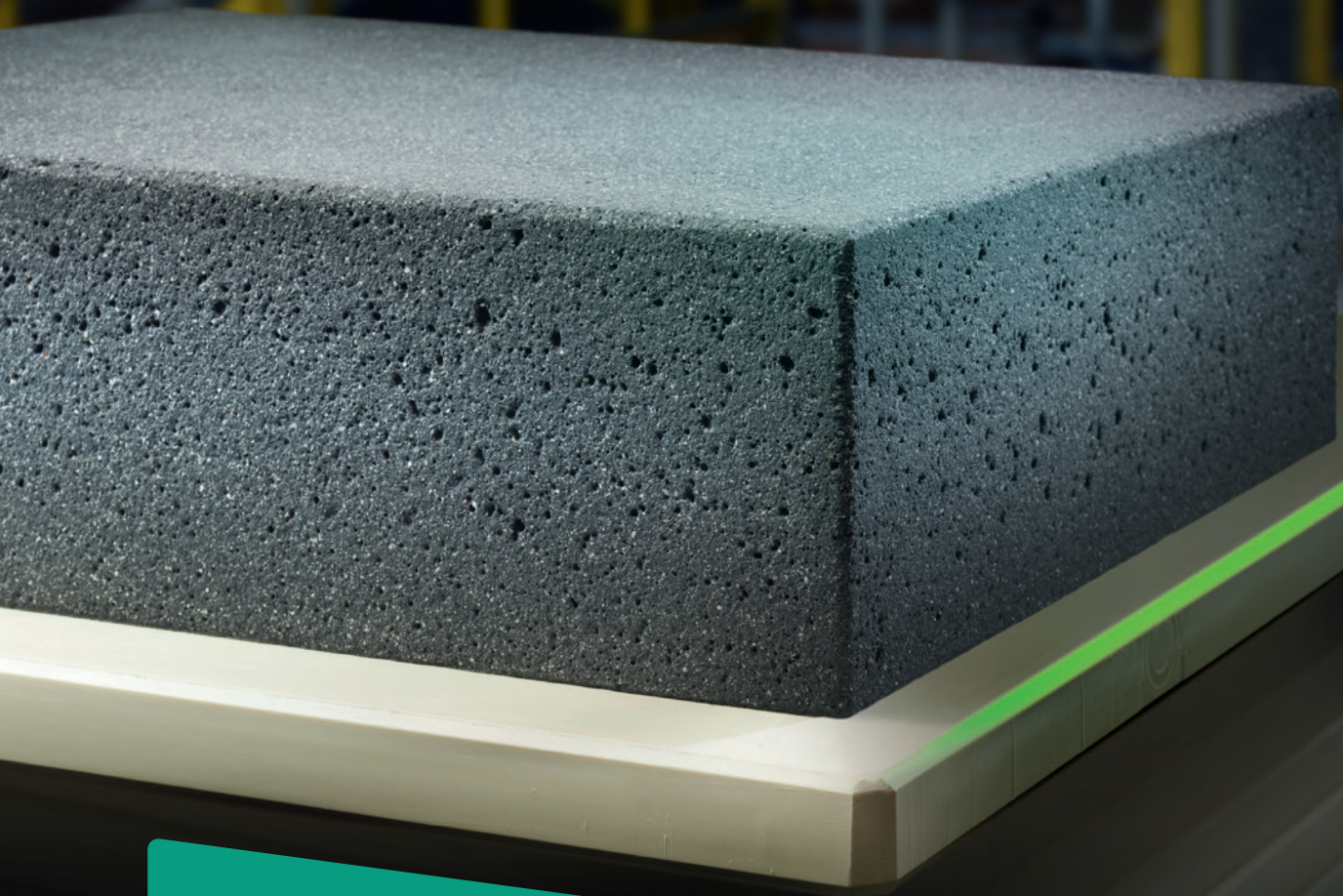




Concrete Blocks in Prime Location.



**DURO  
BOARD<sup>®</sup>**



**Durable.  
Productive.  
Strong.**

The ASSYX DuroBOARD<sup>®</sup>:  
The Best Board for Your Concrete Block Production.



## Precision. Quality. Service.

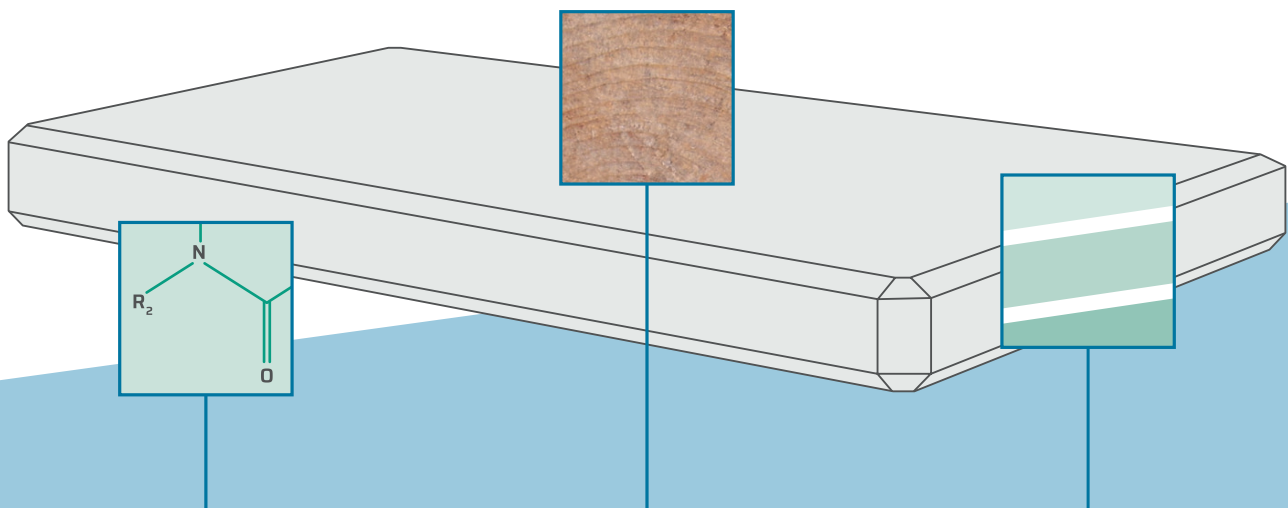
The ASSYX DuroBOARD® - Manufactured fully automatically from the best materials with always constant precision, quality and strength. Brought to you exactly when needed. That's material quality, manufacturing quality, delivery, and service excellence.

# We are the Original

The ASSYX DuroBOARD® is made from a composite material that combines the perfect physical properties of wood and polyurethane - the most widely used industrial plastic for applications requiring high static and dynamic load resistance. Wood is the most commonly used building material, with centuries of durability in mine shafts and rooftops. Even Venice has stood on wooden piles for hundreds of years. Polyurethane is used wherever high mechanical stress under static and dynamic forces occurs, such as in mixer blades, roller skate wheels, conveyor belts, and running shoes.

The ASSYX DuroBOARD® represents absolute sustainability. Its wooden core, made from a renewable resource, is made extremely durable by a polyurethane coating - ensuring long-term conservation of resources.

As light as wood and as durable as steel - the ASSYX DuroBOARD® is a brilliant combination of two components: wood and polyurethane.



The extremely impact-resistant and wear-resistant polyurethane surface, which precisely encapsulates the core on all sides, provides optimal protection against external influences.

The laminated wood core gives the ASSYX DuroBOARD® its high bending stiffness, with an E-modulus of  $\geq 10,000 \text{ N/mm}^2$ . Its dimensionally stable structure, made from long-fibre wood, ensures excellent vibration transmission.

The 10 mm continuous chamfer and rounded corners eliminate sharp edges, giving the ASSYX DuroBOARD® its distinctive design.

# Light. Robust. Ideal.

Our development principle is the symbiosis of a dimensionally stable, rigid laminated wood core and an extremely impact and highly wear-resistant polyurethane coating.



## The ASSYX DuroBOARD® offers:

- ▶ High bending stiffness (E-modulus of the wood core  $\geq 10,000$  N/mm<sup>2</sup>, nearly as strong as hardwood and almost twice as high as solid plastic)
- ▶ Exceptional impact resistance (no cracks)
- ▶ Easy handling (as lightweight as wood)
- ▶ Optimal vibration transmission
- ▶ Consistent performance throughout its lifespan, the outstanding properties remain unchanged due to the all-around coating (shorter vibration time means less wear, lower consumption, and better grain distribution).
- ▶ wear- and abrasion-resistant
- ▶ weather-resistant (can be stored outdoors)
- ▶ highly fracture-resistant (does not break when dropped)
- ▶ temperature-resistant from -25°C to +90°C (ideal for curing chambers and vapour systems)
- ▶ waterproof (can be easily washed)
- ▶ chemically resistant (biological or mineral release agents can be used without concern)

A leveling plate is no longer needed.

Falling corners, cracks, and inconsistencies in block strength are a thing of the past.



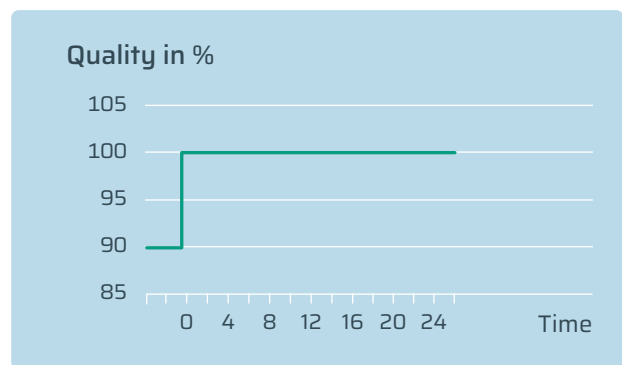
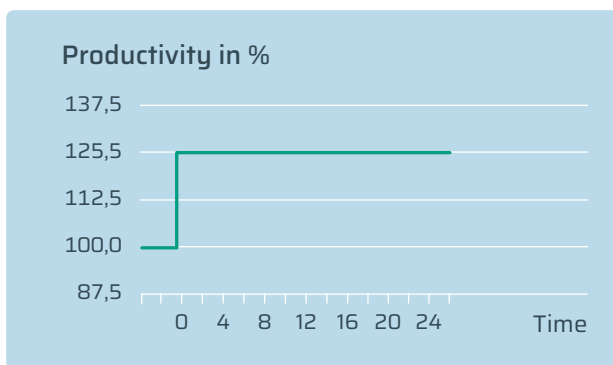
# Your Benefits

Increase your profits by using the ASSYX DuroBOARD<sup>®</sup>. Take advantage of its durability and quality for long-term, trouble-free production.

- ▶ Boost your productivity by up to 25% with the ASSYX DuroBOARD<sup>®</sup>.
- ▶ Achieve perfect block quality—100%, stone by stone, from day one.

This means your investment in the ASSYX DuroBOARD<sup>®</sup> pays off in no time. (Figures are based on customer experiences using the ASSYX DuroBOARD<sup>®</sup>).

Increase productivity, enhance the quality of your concrete block production, and expand your product range - year after year with consistently outstanding quality.



Increase in productivity and quality through the use of the ASSYX DuroBOARDs<sup>®</sup>

## Reliable. Efficient. Smart.

The ASSYX DuroBOARD<sup>®</sup> is a baseboard that can last as long as your block-making machine.

ASSYX is an independent company, delivering worldwide directly from Andernach. Our international sales network ensures expert local consultation and support for our customers.

Take advantage of our expertise and experience the quality of our product firsthand.



We are happy to provide sample boards upon request.

For more information, visit our website:  
[www.assyx.com](http://www.assyx.com)

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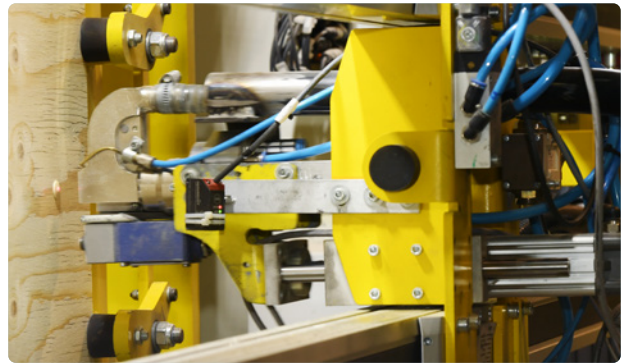
# We Lead in Material, Technology, and Service



## High-Quality Materials

ASSYX sources laminated wood cores and polyurethane exclusively from industry-leading companies. We use internationally recognized wood grades, carefully selected to meet our customers' specific needs. Our wood products are certified construction materials with general building authority approval (abZ). The polyurethane coating is made from Baydur<sup>®</sup>.

(Baydur<sup>®</sup> is registered trademark of Covestro Group.)



## Precision Manufacturing

ASSYX's fully automated production facilities set global standards. Controlled processes and state-of-the-art technology ensure efficiency and top-tier quality. Our automated process for homogeneous polyurethane coating guarantees absolute dimensional accuracy.



## Expert Service

ASSYX is led by engineers who not only master our manufacturing processes but are also experts in the use of baseboards in the concrete block industry.



## Sustainability at ASSYX

ASSYX combines durability, resource conservation, and energy efficiency in production. The extremely robust baseboards, made from a veneer laminated wood core and a fully polyurethane coating from Baydur<sup>®</sup>, come from sustainable sources. The wood cores store CO<sub>2</sub>, and our polyurethane supplier, Covestro, also supports sustainable plastic production.

If electrical requirements are not covered by our own, on site, photovoltaic system. Additional power is sourced from renewable energy suppliers. All processing machines are state-of-the-art and consume minimal energy. ASSYX works exclusively with electrical power.

Our investment in an innovative recycling process, supported by the latest machinery and robotic technology, enables the reuse of used boards and the recycling of the raw materials polyurethane and wood. Regional supply chains and sustainable waste management further complement the environmentally conscious concept.



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Visit our website:



Here, you can find your contact person:



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