

Assyx GmbH & Co. KG, 56626 Andernach, Germany

Production board with laminated core and plastic sheathing in demand worldwide for 10 years

Structural elements with a plastic sheathing are the basis for the success of Assyx GmbH & Co. KG. Ten years have passed since the company based in Andernach-Miesenheim was founded. The manufacturer of the Assyx DuroBoard®, a high-quality production board used in the manufacture of concrete products, has in the meantime established itself as one of the world's leading companies in its branch of industry.



Numerous customers and interested parties from Germany and abroad accepted the invitation to the company's anniversary in July.



Mayor of Andernach Achim Hütten, District Administrator Dr. Alexander Saftig, Mechthild Heil Member of the Bundestag and Dr. Stephan Schleiermacher from Covestro AG congratulate the Assyx managing directors Manfred Kessler (left) and Alfred Rochlus on the company's anniversary.

Manfred Kessler, one of Assyx's two managing directors, hit on the idea of developing high-quality production boards around twelve years ago. At that time the graduated engineer and joint owner of the concrete block plant Rünz & Hoffend from Urmitz/ Rhine was facing the problem that the solid wood production boards mostly used had a relatively short service life, often needed to be repaired and thus frequently caused production stoppages. "Production boards made of solid thermoplastics or steel weren't genuine alternatives, either. In addition to higher productivity, the improved quality of the block products using the DuroBoard particularly paid off from the word go", says Manfred Kessler, describing his experience.

Pioneering spirit – the basis for global success

In 2004 and 2005, Kessler invested his decades of experience in concrete block production into a joint development with the co-operation partner Bayer Material



Alfred Rochlus explained the complete production sequences at the individual stations during a guided tour through the production hall.

Science AG, today called Covestro AG. Glued laminated timber was inseparably and completely sheathed with polyurethane, which was invented by Bayer. In this way a completely new type of production board was created – the Assyx DuroBoard, which meets the extreme demands in concrete product manufacturing in a special way. The glued timber core is dimensionally stable and very bending rigid, but nonetheless light. The sheathing is airtight and waterproof, resistant to weathering and temperature, extremely resistant to impacts and very resistant to abrasion.

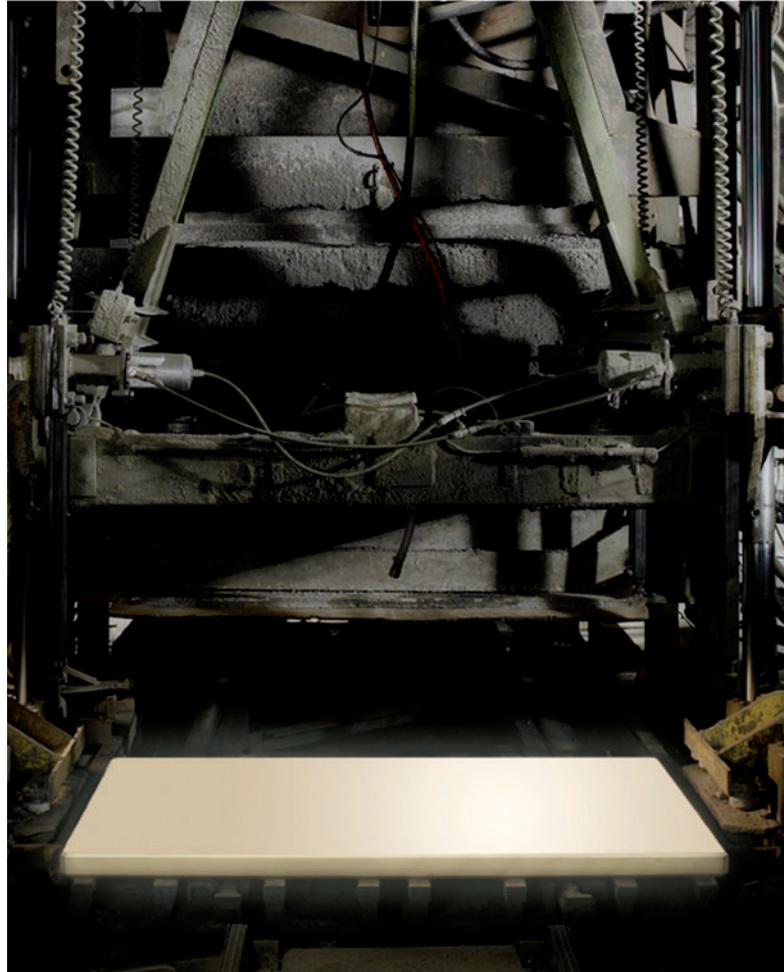
The production plant required for the manufacturing in Andernach-Miesenheim was completed in 2006 and is the only one of its kind in the world. The first DuroBoards came off the production line at Assyx in 2006. Since then the company has produced around 500,000 DuroBoards and delivered them to every corner of the world.

Trend-setting, environmentally friendly products

Assyx has also been developing other applications under the brand name Assyx DuroConstruct® since 2008. These include, for example, self-supporting planks or coverings for pedestrian and cycle bridges, seat rests for benches and self-supporting base plates for stairs, landings, balconies or patios. The young company has thus succeeded in implementing the constructive protection of load-bearing timber structural elements for the first time. This innovation protects the environment, since standardised wood protection has been realised exclusively with chemicals until now. Assyx's environmentally oriented product philosophy also dictates that exclusively fast regrowing woods from plantations are used for the manufacturing of the glued timber cores of all of its products.

"In our view the company's anniversary is a very good time to look back at the developments over the past years – and also to look to the future", says Assyx's other managing director Alfred Rochlus. "Our employees now produce around 6,000 production boards per month on average. Since the demand for our products is continually growing, we are already planning the extension of our operating and production facilities"

Perfect quality and highest productivity in the manufacture of concrete blocks.



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Developed in cooperation with



Bayer MaterialScience

The ASSYX DuroBOARD®

sets the standard for
production pallets in the concrete
building materials industry.

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