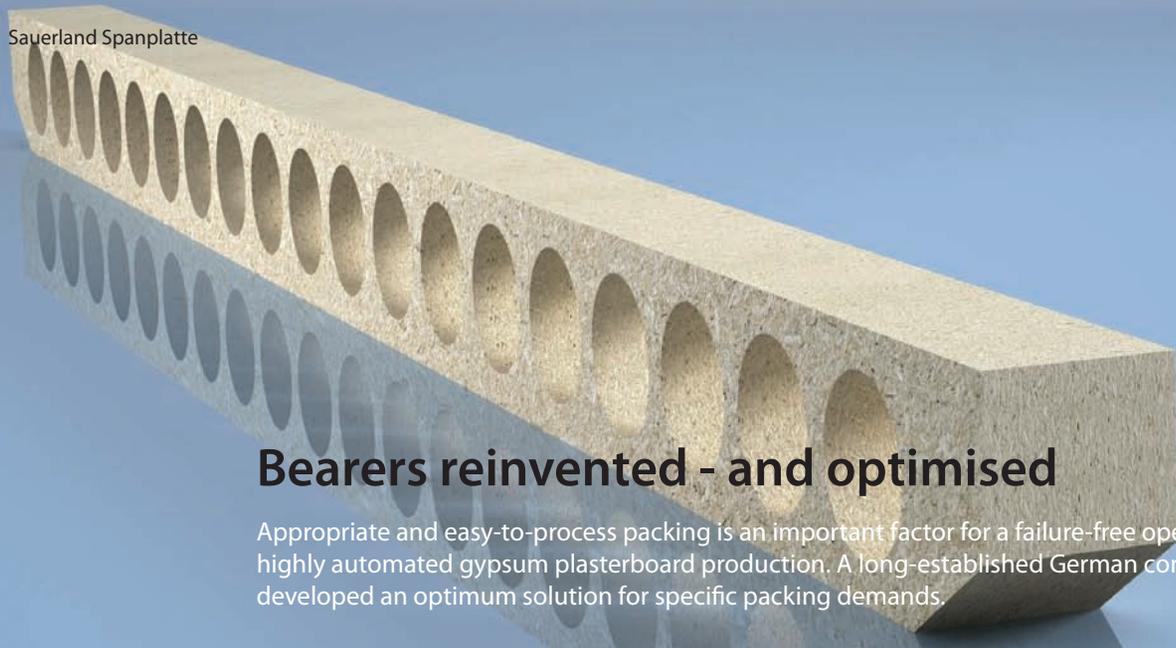


Sauerland Spanplatte



## Bearers reinvented - and optimised

Appropriate and easy-to-process packing is an important factor for a failure-free operation in highly automated gypsum plasterboard production. A long-established German company has developed an optimum solution for specific packing demands.

Since its foundation in Arnsberg (North Rhine-Westphalia, Germany) in 1951, the company Sauerland Spanplatte has produced particle boards using the extrusion method. This special manufacturing technique has been developed and refined successfully for over 55 years. Currently, 36 modern presses produce about 570,000m<sup>3</sup> of Sauerland Board each year in the most diverse varieties. With approximately 300 workers the family-owned company is firmly established and is the market leader for cores for interior doors.

Looking for alternative applications for its high quality extruded board, in 2006 Sauerland Spanplatte launched an innovative product suitable for the safe stacking and storing of plasterboard: The Sauerland Bearer. Sauerland Bearers are made from Sauerland tubular particle board. A special manufacturing technique - extrusion - the first continuous production method for wood-based materials, gives the product its unique features and advantages.

Sauerland Bearers are characterised by their

- High stability: An enormous loading capacity of 14 tons per bearer provides safety. It is due to the special structure of tubular boards, based on the old engineering principle of bridge arches;

- High density: A material density of 600kg/m<sup>3</sup> ensures that the annoying contamination of machinery and production halls with chips is avoided.
- High dimension accuracy: A smooth and trouble-free feeding into the automatic packaging line is guaranteed.

Exclusively natural, untreated (PEFC-certified) wood chips from local sawmills are used for production. The material complies with Formaldehyde Emission Class E1.

### Approved safety & certified quality

The loading capacity of Sauerland Bearers is officially certified by Fraunhofer IML

Institute for Material flow and Logistics. Continuous quality control of raw materials and finished products accompany the production process. The maintenance of a constantly high product quality is proven and monitored by independent institutions.

### Advantages

The application of Sauerland Bearers has numerous beneficial effects on warehousing and handling of gypsum plasterboard. Apart from the stable and safe stacking, they help to keep the warehouse perfectly regular.

Packaging requirements in modern plasterboard production sites are diverse. With its long experience in product development as well as an extensive range of services, Sauerland Spanplatte is able to meet the different demands such as safety, convenient handling, compatibility with existing packaging lines, short-term availability, ideal cost-benefit ratio, and the fact that it is an environmentally-friendly material.

Since the product's development three years ago, Sauerland Spanplatte has sold 10 million bearers to plasterboard manufacturers. The product has been very well received and is highly appreciated by its users.

Modern, approved packing certainly has a part to play in a product's quality. Sauerland Bearers offer an attractive and innovative alternative to other bearing materials.

