

Blickle is committed to polyurethane

Increased manufacturing capacity for high-performance treads

Rosenfeld, October 2019. Using polyurethane treads for wheels and castors is an increasingly popular choice. These polymer elastomers have a wide range of advantages. They are good at preserving floors, quiet and oil resistant. Rosenfeld-based Blickle has decades of experience in the development and manufacture of wheels with a cast polyurethane tread. The company provides numerous different versions which have established themselves in many sectors and applications. In order to meet the increasing demand for the elastomer, Blickle will expand its production capacities and operate one of the world's largest polyurethane wheel production facilities.

Premium polyurethane Blickle Besthane[®]

The availability and functionality of transport units and containers are largely dependent on the quality of the wheels and castors which they use. Their tread also has an impact on operational comfort and handling. Blickle has developed and manufactured Softhane[®], Besthane[®] Soft, Extrathane[®] and Besthane[®] polyurethane treads in house for more than 20 years. Besthane[®] is the premium polyurethane in Blickle's range and is a hard polyurethane elastomer. The 92° Shore A tread has a low level of starting and rolling resistance and is also hydrolysis resistant. Wheels with a Besthane[®] tread are highly resistant to heat build-up under dynamic load and are therefore particularly suitable for higher speeds.

The 92° Shore A Extrathane[®] was the first polyurethane in Blickle's product range and is now the company's standard polyurethane. It is particularly resistant to cuts and tear propagation. Besthane[®] and Softhane[®] treads followed a little while later. The latter is a soft polymer elastomer which provides a particularly high level of vibration absorption and floor surface preservation. Blickle then launched Besthane[®] Soft, the soft and hydrolysis resistant alternative to Besthane[®]. Wheels with this tread provide good traction and low-noise operation. They are also highly resistant to heat build-up under dynamic load. This makes them well suited for high speed applications, like Blickle's electric drive systems.

A new addition: Vulkollan[®]

In addition to polyurethane wheels with treads developed in house by Blickle, the company also manufactures wheels with a Vulkollan[®] tread in response to increased market demand. This tread is the perfect complement for the rest of Blickle's product range. These 92° Shore A wheels provide high dynamic load capacity and good

traction for drive applications. Due to their excellent mechanical properties, these wheels are primarily used as drive wheels in conveyor systems.

A specialist in customised solutions

Blickle believes that the demand for polyurethane wheels will continue to increase. The company's wide range of products includes levelling castors, press-on bands, compact castors, load and drive wheels, swivel and fixed castors, guide rollers, wheels for stackers, pallet truck castors and spring-loaded castors. Special polyurethanes for high dynamic and mechanical loads as well as anti-static and optimised rolling resistance versions round out the product range. Customised products with demanding load capacity requirements are playing an increasingly important role in the company's business. David Blickle, a member of the executive team, describes the company's vision as follows: "We don't just provide standard wheels and castors; we're more of a specialist in customised solutions. Despite our wide range of 30,000 standard products, we get a huge number of requests for customised products from our customers every day. We love working in close partnership with them to make these products a reality."

Tailored solutions are Blickle's speciality. "Custom-made solutions are our strength. The extensive expertise of our engineers allows us to develop and optimise polyurethane products for specific applications. Our teams of experienced designers, chemists and test engineers know exactly how to create perfect products to meet customer requirements. We can make changes to the characteristics of our products by adjusting process parameters or formulas. This allows us to create the ideal tread for every application," explained David Blickle.

Cutting edge manufacturing technology

Blickle requires a large amount of manufacturing capacity due to its comprehensive range of products and the increasing number of customised solutions. Blickle is taking proactive steps to prevent product bottlenecks: "We have to use cutting edge manufacturing technology and increase our capacities so that we can remain flexible in response to customer requests and provide high quality products with short delivery times," says David Blickle, before putting his cards on the table: Blickle is planning to build a new polyurethane manufacturing facility to provide additional opportunities going forward. The groundbreaking ceremony is currently scheduled for early 2020. This expansion will give Blickle one of the largest polyurethane wheel manufacturing facilities in the world, while also allowing the company to optimise its value and logistics streams.

Meta title: Blickle is committed to polyurethane and expanding its manufacturing capacities.

Meta description: Blickle remains committed to polyurethane and is increasing its manufacturing capacity for high-performance treads.

Keywords: Blickle wheels and castors treads polyurethane high performance good floor preservation low noise high load capacity low rolling resistance customised solutions new construction manufacturing capacity

Captions:



Image 1: The premium polyurethane Blickle Besthane® has a low level of starting and rolling resistance and is also hydrolysis resistant.



Image 2: Blickle has more than 20 years of experience in the development and manufacture of wheels with a cast polyurethane tread, resulting in the version Blickle Besthane® Soft.



Image 3: Polyurethane treads are quiet and oil resistant and provide good floor preservation.



Image 4: Blickle's experts manufacture custom products and can also provide special colours to meet customer requirements.



Image 5: David Blickle, member of the executive team, sees Blickle as a specialist in customised solutions.

Picture credit: Blickle Räder+Rollen GmbH & Co. KG

About Blickle:

Blickle is a family company which was established in 1953. From the very beginning, Blickle has been committed to outstanding quality, high availability, innovation and reliability. Today, Blickle is a global leader in the production of castors and wheels. There are more than 30,000 items in its standard product range. Blickle has also developed a countless number of tailor-made solutions in partnership with its customers. The group has over 1,000 employees, with more than 750 of these based at the headquarters in Rosenfeld, Germany. In addition to the production facilities in Rosenfeld, Blickle has 18 sales subsidiaries in Europe, North America, Asia and Australia, and exports to over 120 countries worldwide.

Blickle Räder+Rollen GmbH u. Co. KG

Media contact:

Katharina Häßler

Marketing

Tel.: +49 7428 932-290

Fax: +49 7428 932-209

Email: katharina.haessler@blickle.com

Mona Juchler

Marketing

Tel.: +49 7428 932-296

Fax: +49 7428 932-298

Email: mona.juchler@blickle.com

Please send a copy to our agency:

a1kommunikation Schweizer GmbH

Christian Beckenbach-Sülzle

Oberdorfstraße 31A
70794 Filderstadt, Germany
Tel.: +49 711 9454 161-40
Email: cbs@a1kommunikation.de
www.a1kommunikation.de