

Wasa AG, 64293 Darmstadt, Germany

Betonwerk Pallmann GmbH invests in new production boards

Betonwerk Pallmann GmbH, based in Dollern, has been producing high-quality concrete products for the national market at this location since 1978. However, the company itself can look back on over 80 years of company history. The company was founded in 1928 in Schillen in the district of Tilsit, East Prussia, and has been under the management of Otto Pallmann since 1950. Today Ingo Pallmann is the 3rd generation manager of the company and currently has 10 employees. In the second generation of production boards, Pallmann continues to rely on Wasa AG, now on its premium product Wasa Uniplast® Ultra, which was delivered in spring 2019.

The product range of Betonwerk Pallmann GmbH includes formwork blocks, deep kerbstones and turf stones in various sizes and designs. For decades the company has been able to gain market experience and grow with the requirements of the market.

For 50 years now, Betonwerk Pallmann has been manufacturing the highly specialised concrete formwork block "System Pallmann" with tongue and groove, one of the top products in the range. With finely tuned production technology and a love of craftsmanship, a dimensional accuracy of +/- 1 mm and high compressive strength can be achieved. The block can be placed directly from the pallet onto the masonry, so there is no need to turn the blocks.

One of the reasons why Betonwerk Pallmann GmbH is still able to maintain its high quality standard today, despite the high competitive pressure, is sometimes the work of Ingo Pallmann himself. He continues to do his job day after day on the production line and support his employees. Together as a team and with very good production technology, the company continues to achieve positive results year after year.



Formwork block "System Pallmann" with tongue and groove



In 1996 the first decision was made to purchase Wasa production boards made of solid plastic.

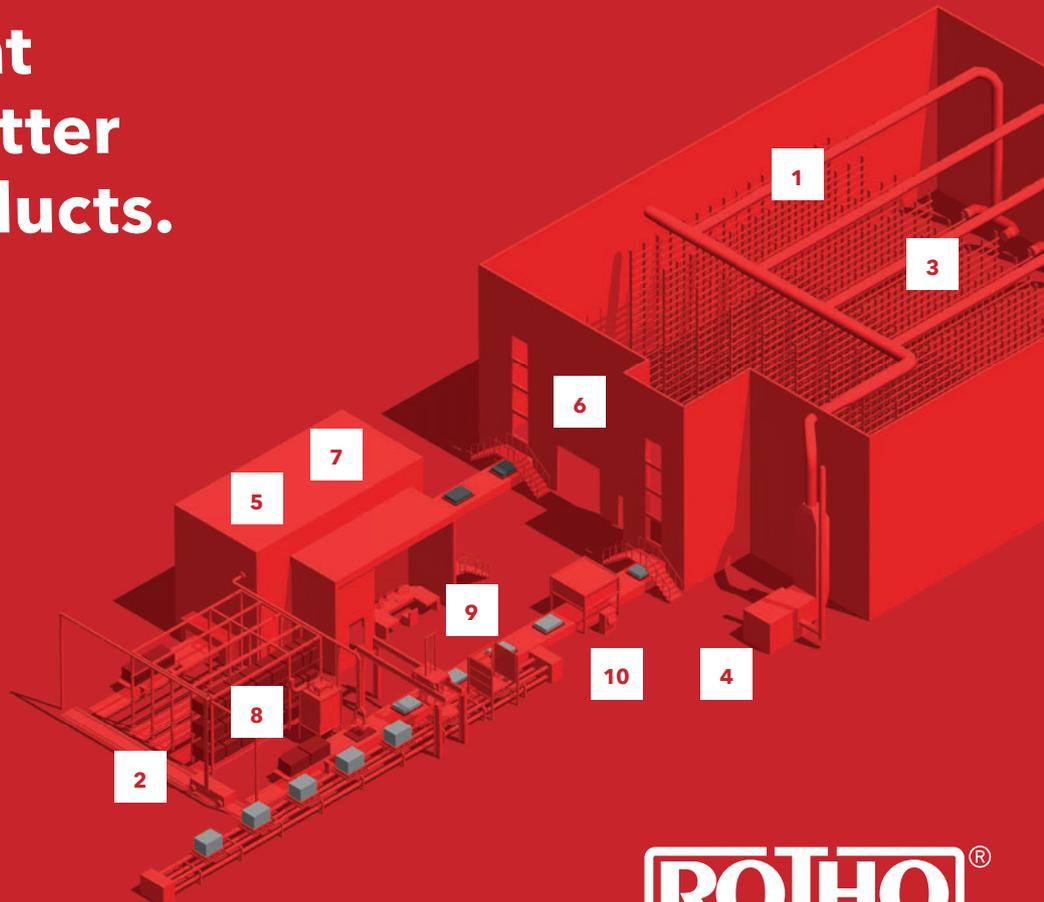
The high quality demand must of course also be met by the company's suppliers, so Pallmann sets very high quality standards. "A true-to-size block requires proper means of production," says Ingo Pallmann, and for him, this includes a proper production board. In 1996, the company decided to purchase Wasa Uniplast plastic production boards, which at that time were still called Wasa Uniplast 2000.

Due to the flat and closed surface of the Wasa Uniplast, it has been possible for Pallmann over the years to leave the straightness of the stone underside to the production boards. Only the cleaning of the board had to be taken care of in the company, which was successfully mastered day after day. "Basically", says Pallmann, "the constant control of the brush is very important". Depending on the product, he also had to use a release agent, but this is not used permanently.

In 2010, it was decided to have the 14-year-old solid plastic boards reprocessed. The vibration transmissions were still comparable with new boards, but the surfaces had been affected over the years. The surfaces of the boards were therefore sanded from 55 mm to 53 mm at the Wasa plant in Neubrunn and were then level again. For Pallmann, this was a necessary but manageable step in terms of costs. By grinding the production boards once, a much more expensive replacement of the complete production boards could be avoided. This was possible because the solid plastic boards

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Profiles are still possible even with fibre reinforcement

are an inorganic material that does not have to lose its good vibration properties for years.

Eight years after the boards had been ground, it became clear that they were no longer meeting the company's quality standards, so Wasa was contacted again and agreed to supply new Wasa Uniplast Ultra boards. Due to the fibre reinforcement in the plastic of the new design, profiles are actually no longer necessary and thus also allow almost unlimited re-grinding. Nevertheless, Pallmann did not want to do without the profile he was already familiar with and ordered Wasa Uniplast Ultra production boards with profiles.

The new production boards were delivered and instead of paying a lot of money for the disposal of the old ones, they were even bought up again by another concrete plant and used there.

The company is very satisfied with the decision and the purchase and is confident about the coming years with the fibre-reinforced Wasa Uniplast Ultra. "In order to maintain a high quality standard, it is necessary to keep production parameters constant and the solid plastic boards help considerably," says Pallmann. ■



The 23-year-old Wasa Uniplast boards are still in use today

FURTHER INFORMATION



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