

PRESS INFORMATION

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More efficient formworking with the alkus® sealing cone

alkus AG launches new product for use of the alkus® solid plastic panel in Peri Maximo formwork

Use of alkus® solid plastic panels in Peri Maximo formwork with one-sided tie installation is now even more effective and efficient. The newly developed alkus® sealing cone ensures alkus® AL 19 formwork panels fit perfectly into the corresponding Peri formwork system. This latest innovation from alkus AG is affordable and can be installed and removed from alkus® formwork panels without any special tools.

The extremely durable alkus® solid plastic panel is suitable for every formwork system. However, when used in Peri Maximo formwork with one-sided tie installation, the additionally required Peri sealing cones previously had to be inserted into the alkus® solid plastic panels either by the formwork manufacturer or a specialist contractor. The market launch of the new alkus® sealing cone finally puts an end to this: "The one-piece alkus® plastic sealing cone is available at a favourable price," explains Michael Tschenett, Managing Director of alkus AG. "It's simply inserted by hand into the tie point with very little force and without special tools by customers on site. And removal is just as easy either by hand or with the aid of a screwdriver." The alkus® sealing cone is available for MX 15 and MX 18 ties. Just like the Peri sealing cone, it measures roughly 47 mm in diameter, thus leaving almost identical impressions on the concrete surface. alkus AG will provide a detailed demonstration on how to efficiently use the sealing cone following initial delivery.

Frequent replacement of plywood panels also drives up prices for sealing cones

Since the alkus® solid plastic panel lasts up to 30 times longer without frequent re-panelling, it is obviously much more efficient than its plywood counterparts. Due to the additionally required Peri sealing cones, use of the alkus® formwork panel in Peri Maximo formwork with one-sided tie installation now makes more economic sense than ever. As the overall formwork costs rise significantly each time a plywood panel with the original Peri seal needs replacing. "Apart from the removable sealing ring, the Peri sealing cone is inseparably inserted into the plywood panel and cannot be simply replaced by the user," Michael Tschenett says. "The Peri sealing cones are, therefore, disposed of along with the actual panel. Up to six new cones are, for example, needed for large panels. These costs, along with the

expenses for plywood and labour, are incurred each time a panel is replaced. Seeing as you only get about 50 uses out of each plywood panel, this quickly drives up the overall costs of formwork projects.” In stark contrast, the alkus® panel enables at least 1,500 uses without any need for re-panelling. The inexpensive alkus® sealing cone can be easily replaced, if necessary. Further, the panel is not damaged when inserting the sealing cone.

alkus® sealing cone already proven successful in use

In recent months, German construction firm Bold GmbH & Co KG from Achern has been testing the alkus® sealing cone in its Peri Maximo formwork. “The alkus® sealing cone more than met our expectations when put to the test on site,” says Konstantin Schamne, head of process engineering at Bold. “Both the quality of the concrete and the way the alkus® sealing cone works with the proven alkus® solid plastic panel fit the particular requirements of our company. From a financial perspective, the alkus product is just as convincing as its on-site use.” His colleague and yard manager Ludwig Welle adds: “Bold has thus decided to use the alkus® AL 19 solid plastic panel in its formwork system in the future.”

About alkus AG

alkus AG, based in Vaduz (Liechtenstein), markets the alkus® solid plastic panel together with specially adapted accessories and offers its customers technical support. The alkus® solid plastic panel is principally used as a formwork panel in the construction industry where it has proven successful due to its economic and practical advantages over plywood panels. It fits into every frame and can, due to its stability and flexibility, also be used for tunnel construction and special formwork systems as well as the construction of precast concrete units.

www.alkus.com

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The alkus[®] sealing cone is made of plastic. | © alkus AG/Jens Ellensohn



The alkus[®] sealing cone is designed for use with the alkus[®] AL 19 solid plastic panel in Peri Maximo formwork with one-sided tie installation. | © alkus AG/Jens Ellensohn



After 10 uses: The alkus[®] formwork panel with the alkus[®] sealing cones in the Peri formwork system. | © Bold GmbH & Co KG

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