From yoghurt cups to formwork sheet:

Doka unveils Xlife top sheet made of recycled plastics at bauma

Doka, a global leader in formwork and scaffolding, unveiled Xlife top at bauma 2025 – its first formwork sheet featuring a core made entirely from recycled plastic. Harnessing advanced plastic composite technology, Xlife top delivers exceptional durability and multiple reuse cycles, offering a significant reduction in greenhouse gas emissions. Its introduction marked a key milestone for the industry, showing that climate action and cost-efficiency can go hand in hand.

Doka is working across multiple product segments to expand its portfolio of climate-friendlier solutions, helping customers lower their carbon footprint on construction sites. A crucial enabler of this transformation is product design, with a strong focus on sustainable materials, modularity, and refurbishment. Doka’s existing rental model already reflects these priorities, with formwork systems refurbished on demand in dedicated service centres around the world to maximise service life. The premiere of Xlife top at bauma 2025 took this commitment a step further.

“Until now, sustainable solutions have often been niche or premium products, struggling to reach the wider construction market,” said Robert Hauser, CEO of Doka. “With Doka Xlife top, we have broken that pattern and proven that sustainability and cost-effectiveness can go hand in hand – making climate-friendly concrete construction both practical and scalable.”

**Closing the Loop: Sustainability in Action**  
With Xlife top, Doka successfully integrates closed-loop recycling into a large-scale, industrial solution. The core of each sheet is made from 100% recycled plastic, and at the end of its lifecycle, every used sheet is taken back by Doka and reprocessed into new sheet cores.

“This represents a full realisation of the circular economy,” said Robert Hauser.

Thanks to its recycled plastic core and long service life, the product carbon footprint (PCF) of the Xlife top sheet is significantly lower than that of conventional wood-composite sheets.

**Superior performance, better concrete quality**  
Beyond its environmental benefits, Xlife top offers strong performance and economic value. Its silk-matt surface is highly scratch-resistant, producing consistent concrete finishes over multiple uses. Unlike phenolic resin sheets, Xlife top does not stain concrete and fits flush within panels for a premium finish.

Its durable surface and advanced composite construction make it significantly more damage-resistant than conventional formwork sheets. It is also quick and easy to clean – even with high-pressure washers – reducing on-site labour and time. Lower refurbishment costs are supported by innovations like partial sheet replacement, further enhancing lifecycle value.

All Xlife top sheets are designed to integrate seamlessly with existing Doka framed formwork systems. Fewer replacements, less maintenance, and reduced refurbishment work all translate into significant cost savings for construction companies.

**Spotlight at bauma 2025**  
With the launch of Xlife top, Doka demonstrated how sustainable concrete construction can be achieved without compromising on performance or profitability. This innovation marked a major shift in how formwork materials are designed, used, and reintegrated into the material cycle – and it aligns with Doka’s broader climate goal of reaching net zero by 2040.

Visitors to bauma 2025, held from 7–13 April at the Munich Trade Fair Centre, had the opportunity to experience Xlife top first-hand at Booth FN.420–FN.423 (Open-Air Area North/West). The sheet’s unveiling was a key moment in Doka’s showcase of over 40 innovations in formwork and scaffolding.

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With Xlife top, Doka is launching its first formwork sheet with a core made entirely of recycled plastic.  
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The core of the panel is made of 100% recycled plastic. © Doka

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KI-generierte Inhalte können fehlerhaft sein.**With Xlife top, Doka has successfully translated the concept of a closed recycling loop into an industrial-scale solution. © Doka

For Doka CEO Robert Hauser, the Xlife top panel is proof that sustainability and profitability can go hand in hand. © Doka

**About Doka:**

Doka is a world leader in providing innovative formwork, solutions and services in all areas of construction. The company is also a global supplier of well-thought-out scaffolding solutions for a varied spectrum of applications. With more than 180 sales and logistics facilities in 58 countries, Doka has a high-performing distribution network for advice, customer service and technical support on the spot and ensures that equipment is swiftly provided – no matter how big and complex the project. Doka employs 9,000 people worldwide and is a company of the Umdasch Group, which has stood for reliability, experience and trustworthiness for more than 150 years.

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