



Press Release

Leverkusen,
[May 9, 2023]

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Award-winning innovation combines benefits of RIM and solid-surface technologies

Covestro and Arcesso's breakthrough Arfinio® technology wins "Best of the Best" interzum award

- **International award, organized by Koelnmesse and Red Dot, honors outstanding achievements that set new industry standards in form, function, and sustainability**
- **Technology marks first-ever use of reaction injection molding (RIM) on aliphatic polyurethanes – previously considered impossible**
- **It quickly produces seamless, lightweight, durable, and repairable materials**

Covestro, a leading polymer materials manufacturer, and Arcesso Dynamics, a manufacturer of custom polyurethane parts, yesterday won a 2023 "Best of the Best" award at the interzum trade fair for their [Arfinio®](#) solution. First launched in October 2022, the groundbreaking technology was awarded this distinction for "outstanding achievements that set new standards". The award, organized by Koelnmesse in cooperation with Red Dot, was presented at a ceremony held on May 8 at the interzum event in Cologne, which brings together leading players in the international supply industry for furniture and interior design.

Arfinio® combines high-performance liquid polymers and unique minerals with reaction-based injection molding (RIM), a combination previously considered impossible. The technology produces truly seamless shapes without requiring sheets, and combines the key benefits of aliphatic chemistry, injection molding, and solid surfaces: mechanical resistance, light-stability, and reparability alongside low product weight, quick production, and improved design freedom. It therefore enables manufacturers to integrate complex shapes and functional performance in new and dynamic ways. The material also contributes to improved sustainability. It can be made with partially bio-based raw materials and, at the end of its lifetime, it can be milled and reintroduced into new products.

Joan Miquel García Martínez, Senior Project Manager Arfinio® at Covestro: "We're delighted to have been awarded this distinction by Koelnmesse and Red Dot. Our work with Arcesso to bring this technology to the market has seen us deliver a breakthrough solution that redefines design freedom in solid-surface materials. This award is yet more motivation for us to keep innovating new, game-changing solutions to help shape a materials future that supports people and planet alike."

**About Arcesso Dynamics:**

Arcesso Dynamics S.L. is a Spanish medium-sized manufacturer of custom polyurethane products. It specializes in meeting the high technical requirements of demanding industries, and focuses strongly on research and development.

About Covestro:

Covestro is one of the world's leading manufacturers of high-quality polymer materials and their components. With its innovative products, processes and methods, the company helps enhance sustainability and the quality of life in many areas. Covestro supplies customers around the world in key industries such as mobility, building and living, as well as the electrical and electronics sector. In addition, polymers from Covestro are also used in sectors such as sports and leisure, cosmetics and health, as well as in the chemical industry itself.

The company is committed to becoming fully circular and is striving to become climate neutral by 2035 (scope 1 and 2). Covestro generated sales of EUR 18 billion in fiscal 2022. At the end of 2022, the company had 50 production sites worldwide and employed approximately 18,000 people (calculated as full-time equivalents).

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