



## Press release

September 5, 2022

Henkel Adhesive Technologies at ALUMINIUM 2022

### "Rethink the future": sustainable and cost-effective surface treatments for aluminum

Düsseldorf – Are your current aluminum processes fit for the future? This is the question that Henkel Adhesive Technologies will be asking visitors during the ALUMINIUM trade fair in Düsseldorf from September 27 to 29, 2022, at booth F03 in hall 7a. The focus of the surface treatment portfolio is on high-quality, high-performance solutions that reduce the carbon footprint as well as water and energy consumption in the long term.

As the world's leading trade fair, ALUMINIUM brings together producers, processors, end users and technology suppliers from the aluminum industry and its most important application industries. Henkel Adhesive Technologies, one of the world's leading experts in adhesives, sealants and functional coatings, will present its surface treatments for aluminum. These include light metal pretreatment, electroceramic coating, battery treatments, and anodizing. The goal of these technologies is to improve the properties of the material and thus significantly increase performance and service life.

This is particularly important in view of the growing demand for the sustainable use of recycled aluminum alloys in the e-mobility, sports and leisure, urbanization and architecture sectors. The challenge here is to keep the quality of the end product constant. "Under the motto 'Rethink the Future,' we want to trigger a rethink throughout the industry: As an expert in surface treatments, how can we contribute to saving water, CO<sub>2</sub> and energy? By developing sustainable solutions for sustainable applications that also require fewer process steps and save costs in the long term," says Raul Hernandez, Senior European Technical Manager GI Light Metal Finishing at Henkel.

One example of this is Bonderite: Conversion coating for aluminum replaces chrome VI products or traditional alternative pretreatment systems – even under the most difficult working conditions such as long exposure times or high temperatures. "The pretreatment of aluminum housings offers a great deal of potential to increase the handling and efficiency of e-mobility batteries," says Julien Bardin, Technical Manager Functional Coatings Electrical Vehicles at Henkel. "Bonderite M-NT 2040 R2 increases the corrosion resistance of parts and provides a better welding result – the quality improvement is 95 percent compared to 60 percent for untreated aluminum components." The product meets QUALICOAT and REACH standards, which also makes it much safer for production line workers.

At ALUMINIUM, visitors can see the diverse technologies and end-use applications offered by Henkel Adhesive Technologies for themselves. A mini version of a battery case and a bicycle control box exemplify how the right metal pretreatment processes meet various architectural, OEM, and industry standards. Henkel's team of experts provides information on sustainable and cost-effective applications and gives advice on challenges throughout the value chain.

#### **About Henkel**

Henkel operates globally with a well-balanced and diversified portfolio. The company holds leading positions with its three business units in both industrial and consumer businesses thanks to strong brands, innovations and technologies. Henkel Adhesive Technologies is the global leader in the adhesives market – across all industry segments worldwide. In its Laundry & Home Care and Beauty Care businesses, Henkel holds leading positions in many markets and categories around the world. Founded in 1876, Henkel looks back on more than 140 years of success. In 2021, Henkel reported sales of more than 20 billion euros. The company employs about 53,000 people globally – a passionate and highly diverse team, united by a strong company culture, a common purpose, and shared values. As a recognized leader in sustainability, Henkel holds top positions in many international indices and rankings. Henkel's preferred shares are listed in the German stock index DAX. For more information, please visit [www.henkel.com](http://www.henkel.com).

**Photo material is available at [www.henkel.com/press](http://www.henkel.com/press)**

Contact	Tobias Laxa	Svenja Meurer
Phone	+49 211 797-9045	+49 2602 950 99-15
Email	<a href="mailto:tobias.laxa@henkel.com">tobias.laxa@henkel.com</a>	<a href="mailto:svm@additiv-pr.de">svm@additiv-pr.de</a>
	Henkel AG & Co. KGaA	additiv pr GmbH & Co. KG



Henkel Adhesive Technologies offers various solutions for the pre-treatment of aluminum, for example in the form of battery housing cases.



Henkel's Bonderite products aim to significantly increase the performance and service life of the material – in this case aluminum profiles.