

April 4, 2023
Asahi Kasei Corp.
Hitachi, Ltd.

Asahi Kasei's production facility for Dinamica™ acquires certification regarding use of power 100% derived from renewable energy by utilizing Hitachi's Powered by RE

Asahi Kasei's production facility for Dinamica™ artificial suede at its Nonwovens Plant in Nobeoka, Miyazaki, Japan, has acquired the first Certificate of Renewable Energy Use by Powered by RE Certification Committee, utilizing Hitachi's Powered by RE system, which visualizes the usage of renewable energy. The certification, acquired on March 8, 2023, ensures that the production facility for Dinamica™ is powered by 100% renewable energy.

Powered by
Renewable
Energy

Certification logo



Nonwovens Plant of Dinamica™

Today, companies are making efforts to become carbon neutral throughout the value chain to realize a sustainable society, resulting in demand for high-value-added products and services that are made using 100% renewable energy.

Dinamica™ is an artificial suede with a 3-layer structure* produced with Asahi Kasei's proprietary manufacturing process. Having excellent texture and versatile design, it is widely used in various applications around the world such as automotive interiors, furniture, IT accessories, clothing, and industrial materials. Asahi Kasei has proactively reduced the CO₂ emissions from the manufacture of Dinamica™ as part of its effort to become carbon neutral by 2050.

Hitachi developed Powered by RE in 2021 as a system to visualize how much renewable energy is used at individual facilities and services, with the aim of realizing a decarbonized society. In 2022, Hitachi launched the Powered by RE Certification Committee, a general incorporated association jointly with Art & Ecology, Inc. that certifies 100% renewable energy use at each production line, equipment and services to contribute to further expansion of renewable energy use.

The Certificate of Renewable Energy Use issued by the Powered by RE Certification Committee ensures that electricity used by individual production lines, facilities, and services is 100% derived from renewable energy. The certification acquired for Dinamica™ has been based on data from the energy management system of its production facility at the Nonwovens Plant, verifying that 100% of the power used is derived from renewable energy. This certification

allows Asahi Kasei to claim to its customers that it is contributing to measures against global warming through the provision of products from the certified production lines.

Asahi Kasei aims to realize carbon neutral and sustainable society from the perspective of “Care for Earth” and is focusing on initiatives such as the use of biomass raw materials, recycled raw materials, renewable energy, etc. The Asahi Kasei Group continues to meet the expectations of society and its customers by proactively cooperating with its stakeholders while further promoting the provision of products and services with such characteristics based on its medium-term management plan for fiscal 2024 focused on the theme “Be a Trailblazer.”

Hitachi drives its Social Innovation Business, creating a sustainable society with data and technology, and continues to provide digital solutions, such as Powered by RE, to help realize a decarbonized society. In addition, by widely promoting certification of renewable energy use through the Powered by RE Certification Committee, Hitachi will contribute to businesses' adoption of renewable energy.

* Dinamica™ consists of three layers of face, inner scrim, and backing, with the microfiber layers intertwined with each other in three dimensions. The inner scrim layer improves dimensional stability and strength. Being immersed in a water-based polyurethane gives the material a rich elastic texture.

Sustainability at Asahi Kasei

<https://www.asahi-kasei.com/sustainability/>

About Asahi Kasei

The Asahi Kasei Group contributes to life and living for people around the world. Since its foundation in 1922 with ammonia and cellulose fiber businesses, Asahi Kasei has consistently grown through the proactive transformation of its business portfolio to meet the evolving needs of every age. With more than 46,000 employees worldwide, the company contributes to a sustainable society by providing solutions to the world's challenges through its three business sectors of Material, Homes, and Health Care. Its Material sector, comprised of Environmental Solutions, Mobility & Industrial, and Life Innovation, includes a wide array of products, from battery separators and biodegradable textiles to engineering plastics and sound solutions. For more information, visit <https://www.asahi-kasei.com/>.

About Hitachi, Ltd.

Hitachi drives Social Innovation Business, creating a sustainable society with data and technology. We will solve customers' and society's challenges with Lumada solutions leveraging IT, OT (Operational Technology) and products, under the business structure of Digital Systems & Services, Green Energy & Mobility, Connective Industries and Automotive Systems. Driven by green, digital, and innovation, we aim for growth through collaboration with our customers. The company's consolidated revenues for fiscal year 2021 (ended March 31, 2022) totalled 10,264.6 billion yen (\$84,136 million USD), with 853 consolidated subsidiaries and approximately 370,000 employees worldwide. For more information on Hitachi, please visit the company's website at <https://www.hitachi.com>.

Information contained in this news release is current as of the date of the press announcement, but may be subject to change without prior notice.
