

NEWS RELEASE

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To All Members of the Press

RefinVerse Group, Inc.
Kleen-Tex, Japan**RefinVerse Group and Kleen-Tex Japan Launch
Joint Initiative to Promote the Circular Economy****First Reusable Curing Sheet by Daikyo Anabuki Real Estate**

RefinVerse Group, Inc. (Head Office: Chiyoda-ku, Tokyo; President: Akira Ochi; hereinafter "RefinVerse") and Kleen-Tex Japan (Head Office: Kobe City, Hyogo Prefecture; President: Saisei Oyama) have entered into a collaboration focused on resource recycling of rubber and other materials, aiming to advance the circular economy further.

As the first product of this partnership, the companies have jointly developed a reusable curing sheet. These sheets are now in full operation at Daikyo Anabuki Real Estate Incorporated condominium renovation sites, contributing to the reduction of waste and environmental impact.



Example of reusable curing sheet use (photo courtesy of Daikyo Anabuki Real Estate)

■ Background of the Collaboration

RefinVerse has led circular economy initiatives for over 20 years, pioneering horizontal recycling technologies to convert discarded carpet tiles into new materials, and advancing recycling solutions for waste fishing nets and airbags.

Kleen-Tex Japan, a global leader in the manufacture and sale of commercial mats, has also been deeply committed to developing environmentally friendly

products and reducing CO₂ emissions.

Through this partnership, the two companies will combine Refinverse's recycling technologies and Kleen-Tex Japan's product development expertise to promote the effective utilization of waste materials and enhance the environmental value of their products. Together, they aim to accelerate the realization of a resource-circulating society.

■ Development of the First Reusable Curing Sheet

The reusable curing sheets were jointly developed by Daikyo Anabuki Real Estate Incorporated, Kleen-Tex Japan, and Refinverse. The completed sheets are delivered to construction sites by Iota, a building cleaning and management company, and laid in the common areas of condominiums during renovations. After completion, Iota collects the used sheets, cleans them, and redistributes them for reuse at other sites.

■ Background of the Product Development

Traditional curing sheets, used to protect floors during condominium renovations, were often discarded as industrial waste after a single use. Since 2021, Refinverse has worked to reduce waste and CO₂ emissions by introducing reusable sheets made from Refine Powder, a recycled material derived from discarded carpet tiles.

However, these early versions could only withstand about five reuses, prompting further development. Under Refinverse's business model, Kleen-Tex Japan began product development to improve durability and safety. Following field testing at Daikyo Anabuki Real Estate Incorporated sites, the sheets were adopted thanks to their improved durability (approximately 50 uses) and enhanced anti-slip properties, even in rainy conditions.

■ Future Outlook

Refinverse and Kleen-Tex Japan will continue collaborating to promote recycling initiatives by applying their combined expertise in recycling technologies and product development for rubber composite products, which have historically been difficult to recycle.



■ About Refinverse Group, Inc.

For over two decades, Refinverse Group has been committed to the principles of a circular economy. We focus on reclaiming and developing sustainable materials, including Refine Powder, a recycled material for horizontal recycling of carpet tiles, and REAMIDE®, a high-quality nylon pellet recycled from waste fishing nets and car airbags. In 2023, we expanded our efforts by launching a new biomaterial, ReFEZER®, developed from bird feathers.

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