Japan, Tokyo

Situation

Japan Aviation Academy High School in Tokyo recently implemented LIIN Coat, a cutting-edge heat-reduction coating, to enhance the comfort of their student dormitories. Designed for superior thermal management, LIIN Coat effectively minimizes heat impact by reflecting sunlight and reducing heat absorption. This innovative solution is ideal for combating the sweltering summer temperatures in urban environments.

The coating procedure was completed seamlessly within a single day, demonstrating LIIN Coat's efficiency and ease of application. Once applied, the results were immediate and impressive: a reduction of up to **5°C** in indoor temperatures on hot summer days. This significant improvement not only enhances the comfort of students but also contributes to energy savings by lowering the demand for air conditioning.

LIIN Coat gained further recognition on July 24, 2024, when **Kaga Tech, Japan**, showcased the product at Techno-Frontier 2024, an esteemed technology exhibition held in Tokyo. The event provided an excellent platform to highlight the benefits of LIIN Coat to industry professionals and the broader public. Visitors were particularly drawn to its quick application process, long-term durability, and eco-friendly properties.

With heatwaves become more frequent and intense, LIIN Coat represents a practical and sustainable solution for reducing heat impact in residential, commercial, and institutional buildings. Its success at the Japan Aviation Academy High School underscores its effectiveness and potential for broader adoption across similar facilities.

By combining innovation with practicality, LIIN Coat continues to set new standards in thermal management, offering a promising way to tackle the challenges of rising global temperatures.

Key Features

Project
LIIN Coat: Revolutionizing Heat Management in Student Dormitories

Capacity
45 m3 of liquid protection coating.

Scope
LIIN Coating on Japan Aviation Academy High School dorms in Tokyo, the coating thickness was 500µm.